



# **International Technology Directory**

Licensing Executives Society  
Technology Directory Committee  
July 1988

# LES INTERNATIONAL TECHNOLOGY DIRECTORY

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COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Bioenterprises Pty. Ltd.	Irving, A.F.	BOTH	
Calgene, Inc.	Matlock, P.	IN	
Chocolate Camille Bloch S.A.	Block, R.	BOTH	
Descon Engineering (Pvt.) Ltd.	Khan, Z.M.	BOTH	Fruit juice, sugar plants, maize based
Electricity Council Research Centre, The	Biggs, M.G.	OUT	Food heating and aseptic packaging
Finnish Sugar Co., Ltd.	Kurkinen, J.		
	Rinkinen, R.	BOTH	Sweeteners, bread, feed incl. processes
GFT S.p.A.	Ugona, A.	BOTH	
General Foods Corporation	Bonagura, A.G.	BOTH	
General Mills, Inc.	Ducharme, C.L.	BOTH	
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	
Grain Processing Corporation	Kiser, D.L.	BOTH	Regarding maltodextrins, low-fat spreads; re grain alcohol dehydration, fermentation
Kraft Inc.	Staackmann, J.W.	BOTH	
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	IN	Freeze dry food processing
National Research Laboratories	Katona, A.M.	OUT	Protein isolation, concentration; whey, blood processing; cheese manufacture
Pritchitt Foods	Barrett, D.H.	BOTH	Dairy and related products and processing
R.J.R. Technical Company	Beck, C.L.	IN	Broad interest in processes & formulated products, & produce
Raytheon Co.	Bowen, R.F.	BOTH	Food processing
Roussel UCLAF	Dache, C.A.	BOTH	
	Orsini, J.	BOTH	Food products
Shannon Development Co., Ltd.	Slattery, G.	BOTH	Convenience/snack foods
Shiseido Co., Ltd.		IN	New foods & drinks for feminine
Tate & Lyle Industries Ltd.	Lees, J.R.M.	BOTH	Processing of raw and refined sugars
Tosoh Corporation	Kawahima, K.	BOTH	Sweetner
Unilever PLC	Tate, R.V.	IN	Convenience foods, edible fats and beverages
Warner-Lambert Co.	Dykstra, N.L.	BOTH	Gum and confectionary products

TECHNOLOGY CATEGORY: 02 TEXTILE PRODUCTS AND PROCESSING

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Akzo Fibers & Polymers	Durville, H.B.J.	BOTH	Yarns and fibers
Aquascutum Ltd.	Clark, H.A.	BOTH	Clothing, especially men & women's outerwear and accessories
Calgene, Inc.	Matlock, P.	IN	
Colgate-Palmolive Company	Zabronsky, J.	BOTH	
Dunlop Slazenger International Limited	Rees, J.B.	BOTH	
Electricity Council Research Centre, The	Biggs, M.G.	OUT	Drying processes
GFT S.P.A.	Ugona, A.	BOTH	
Milliken Research Corporation	Gardner, D.W.	BOTH	New technology in yarn, fabric, carpet processing
National Research Laboratories	Katona, A.M.	OUT	Non-biocidal emulsion/dispersion conditioning agents
Pegasus Sewing Machine Mfs. Co., Ltd.		BOTH	
Rhone Poulenc	Flichy, L.	OUT	Spinning & drawing of Nylon 66 and polyester
Smith & Nephew Associated Cos., P.L.C.	Horlington, M.	IN	Cotton and allied fibres, spinning, weaving and finishing
W.L. Gore & Associates (U.K.) Ltd.	Forrester, H.R.	IN	

TECHNOLOGY CATEGORY: 03 SYNTHETIC FIBER (FIBER PRODUCTION, PROCESSING AND RAW MATERIALS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Akzo Fibers & Polymers	Durville, H.B.J.	BOTH	Polyester, polyamide
Allied-Signal, Inc.	Norman, I.	BOTH	Fibers: nylon, polyester and high performance fibers
Borg-Warner Chemicals, Inc.	Purcell, T.D.	IN	Stabilizers (additives) for fibers
COFAP-Companhia Fabricadora De Pacas	DeLima, M.	IN	Synthetic fiber (fiber production, processing and raw materials)
DSM	Hoogstraten, W.C.R.	IN	Raw materials
Foster Wheeler Energy Ltd.	Hall, M.W.	IN	
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	IN	Sensors
SNIA BPD SpA	Bravo, A.F.	BOTH	
Technip, Inc.	Fussman, F.	IN	
UHDE GmbH	Mundo, K.J.	BOTH	Design & construction of prod. plants & engrg. services

TECHNOLOGY CATEGORY: 05 PLASTICS (RESINS, PROCESSES AND EQUIPMENT)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Herdillia Chemicals Limited	Pandia, R.M.	BOTH	Production of polymers
Japan Synthetic Rubber Co., Ltd.	Tamaka, Y.	BOTH	
Kureha Chemical Industry Co., Ltd.		BOTH	Resins, compounds, and processes
LONZA Ltd.	Keppler, T.	BOTH	
Laboratoires Fournier	Picart, F.	IN	Resins
3M	Paterson, W.G.	IN	High performance materials, especially for automotive and aerospace applications
Metal Box Plc	Rastall, M.K.	BOTH	Particularly equipment & processes
Milliken Research Corporation	Gardner, D.W.	BOTH	Plastic additives
Mitek, Inc.	Parker, J.R.	BOTH	Polymeric encapsulation process
Mitsubishi Rayon Co., Ltd.	Iwasaki, Y.	BOTH	Plastics
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	IN	Sensors
Monsanto Australia Limited	Dun, A.	IN	
Monsanto Company	Blance, R.B.	BOTH	
Netlon Limited	Smith, K.	IN	
Norsk Safetech AS	Jacobson, C.T.	OUT	
Pennwalt Corp.	Eichelberger, J.L.	BOTH	Fluoro plastics
	Wagner, L.A.	BOTH	
Perstorp AB	Dahlgren, G.	BOTH	
Polyplastics Co., Ltd.	Komazawa, H.	IN	Thermoplastic engineering resin
Quantum Chemical Corp., USI Division	Bowles, W.A.	BOTH	
RIAS A/S	Sorensen, P.	OUT	Cast acrylic sheet, process & equipment
Regie Nationale Des Usines Renault	Srouf, E.	BOTH	
Repsol Quimica	Achon, M.A.	BOTH	
Rohm & Haas Co.	Valko, N.	BOTH	Resins and processes
SNIA BPD SpA	Bravo, A.F.	BOTH	Especially for compounding
SNPE	Brocart, A.	BOTH	Specialty resins and materials
Schock & Co.	Marx, R.	OUT	Cast silicate/acrylic kitchen sinks, PV-molding for joining, decorating & edging melamine-particleboard furniture components
Scott Bader Company, Ltd.	Lovell, D.A.	BOTH	Unsaturated polyester resins, emulsion polymers
Seitetsu Kagaku Co., Ltd.	Fujimoto, T.	IN	Powdered plastic (application)
Shell International Petroleum Co., Ltd.	Thrush, A.M.	BOTH	
Shell Internationale Research Maatschappij	Van Zutphen, J.A.	BOTH	Processes
Simon Carves Ltd.	Morris, C.	IN	
Smith & Nephew Associated Companies PLC	Horlington, M.	BOTH	Medical hydrogels, emulsion adhesives, hot melt and radiation processing
Surfin Systems	Beacham, C.	BOTH	
Technip, Inc.	Fussman, F.	IN	
Tosoh Corporation	Kawahima, K.	BOTH	
Toyo Engineering Corporation	Ito, H.	OUT	Polystyrene manufacturing technology
Vickers, Incorporated	Walrad, J.F.	BOTH	Processes & equipment
W.L. Gore & Associates (U.K.) Ltd.	Forrester, H.R.	IN	Resins, processes
Weyerhaeuser Company	Taylor C.	BOTH	Resins

TECHNOLOGY CATEGORY: 06 PETROLEUM REFINING, PRODUCTS AND PROCESSING

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AMOCO Corp.	Tolpin, T.W.	BOTH	
Air Products & Chemicals, Inc.	Craig, R.G.	OUT	
	Lubbers, D.S.	IN	Industrial gas applications pertaining thereto
	Ryder, T.G.	OUT	FCC
Arco Chemical Technology, Inc.	Klingebiel, W.J.	OUT	Aromatics (benzene, toluene, zylenes) technology
BP America	Rothbart, J.N.	BOTH	
Bechtel, Inc.	Mayur, D.	IN	Petroleum refining
British Petroleum PLC	Hilder, G.K.	BOTH	
Compagnie de Raffinage	Olivier, R.	BOTH	
Compania Espanola De Petroleos, S.A.		IN	Processing
Descon Engineering (Pvt.) Ltd.	Khan, Z.M.	BOTH	Process & equipment
ELF Technologies	Bodelle, J.	BOTH	
Foster Wheeler Energy Ltd.	Hall, M.W.	BOTH	
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	
Humphreys & Glasgow Ltd.	Winter, C.L.	BOTH	Offshore platforms
Johnson Matthey PLC	Connor, H.	BOTH	Catalytic processes
Kerr-McGee Corporation	Addison, W.G.	IN	
Korea Heavy Industries & Construction Co. Ltd.	Hutton, R.	IN	Processing equipment
Lummus Crest	Van Driesen, R.	BOTH	Technology sales & engineering
M.W. Kellogg Company, The	Peterson, J.L.	IN	
Marathon Oil Co.	Burdge, D.	Both	Basic refining processes, enhanced oil recovery processes
	Hummel, J.		

TECHNOLOGY CATEGORY: 09 METALS (SMELTING, REFINING AND STEEL MAKING)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AM&S Metals	Matthews, T.A.	BOTH	Lead, Zinc, copper, precious metals
Air Products & Chemicals, Inc.	Lubbers, D.S.	IN	Industrial gas applications pertaining thereto
Alcan International Ltd.	Rogerson, W.E.	BOTH	Aluminum, magnesium
Armco Inc.	Johnson, R.H.	BOTH	Steelmaking
Asargo, Inc.	Koch, K.A.	BOTH	
BP America	Rothbart, J.N.	OUT	
COFAP-Companhia Fabricadora De Pacas	DeLima, M.	IN	Metals (smelting, refining and steelmaking)
CRA Services Limited	Bellamy, H.	BOTH	
Cominco Ltd.	Watson, T.W.	BOTH	Lead and zinc, smelting and refining
DST S.A.	Hedge, T.E.	BOTH	Aluminum smelting
Dow Chemical Company, The	Manfroy, W.	BOTH	Magnesium
Electricity Council Research Centre, The	Gibbs, M.G.	OUT	
FRAMATOME (Nuclear Fuel Division)	Xavier, D.	OUT	
Georg Fischer AG	Henych, I.	BOTH	Modular iron technology, pattern making technology
Hitachi Metals, Ltd.	Tanaka, H.	BOTH	Magnetic materials and casting process
Johnson Matthew PLC	Connor, H.	BOTH	Precious metals: platinum metals, silver, gold
Korea Heavy Industries & Construction Co. Ltd.	Hutton, R.	IN	Steel making facilities
London & Scandinavian Metallurgical Co. Limited	Crowther, C.L.	BOTH	Grain refiners; master alloys; refractory products for the steel industry
M.I.M. Holdings Limited	Greenelsh, R.W. Rogers, L.J.	BOTH	Electrolytic copper refining; lead refining; silver refining
Martin Marietta Energy Systems, Inc.	McKenzie-Wardell, D.	OUT	
Metallgesellschaft, AG	Rosenberger, H.P.	OUT	Copper melting/burner control
Metallurgie Hoboken-Overpelt N.V.	Lancel, G.	BOTH	
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Underwater painting, polymer cement
National Research Laboratories	Katona, A.M.	OUT	Coolant/quenching treatment systems; emulsion control agents
SKF AB	Kristiansen, A.P.	BOTH	Steelmaking
Shell Internationale Research MY BV	Jongbloed, H.P.	BOTH	
Techmet Corporation	Allen, H.E.	OUT	Continuous casting
Tosoh Corporation	Kawahima, K.	BOTH	
Toyo Engineering Corporation	ITO, H.	OUT	Pyrite cinder pelletizing technology
USX Engineers & Consultants, Inc.	Urey, D.S.	OUT	Steel related, including continuous casting, high current density & electrogalvanizing proprietary processes

TECHNOLOGY CATEGORY: 10 MINING AND EXTRACTIONS (MINERALS, METALS, COAL, GAS AND OIL)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Alcan International Ltd.	Rogerson, W.E.	BOTH	Bauxite, alumina, aluminum
Allied-Signal, Inc.	Norman, I.	OUT	Smelting: sulfur recovery via SO2 reduction from smelter off gases
Armco Inc.	Johnson, R.H.	BOTH	Oilwell drilling equipment & oil field equipment
Atlas Copco AB	Sandberg, H.	BOTH	
Babcock Woodall-Duckham Ltd.	Gosden, D.V.	BOTH	Extraction of metals & minerals, processing of coal & oil, gas production & processing
Bergbau-Forschung GmbH	Kohlmann, E. Niedergesass-Gahlen	OUT	Coal
CRA Services Limited	Ballamy, H.	BOTH	
Cominco Ltd.	Watson, T.W.	BOTH	Lead, zinc, copper, gold, potash and phosphate rock mining
Comprimo B.V.	Droos, H.A.	OUT	Gas and oil treatment, desulfurization
Dow Chemical Company, The	Manfroy, W.	BOTH	Mining & extraction
IMI (TAMI) Institute for Research & Development Ltd.	Raz, I.	BOTH	Phosphate rock upgrading
M.I.M. Holdings Limited	Greenelsh, R.W. Rogers, L.J.	BOTH	Mining equipment & minerals processing
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Underwater painting, polymer cement
National Research Laboratories	Katona, A.M.	OUT	Process fluid treatment agents; muds, flooding waters, surfactant treatment
O&K Orenstein & Koppel Aktiengesellschaft	Cordes, G.J.	BOTH	Open-pit mining machinery
Richard J. Gay	Gay, R.J.	OUT	Oil field corrosion control, E.O.R.
S.N.E.A. (P)	Temlett, B.	BOTH	Oil and gas exploration & production
Shell International Petroleum Co., Ltd.	Thrush, A.M.	BOTH	
Stein Industrie	Perot, F.	BOTH	Milling equipments
Technip, Inc.	Fussman, F.	IN	
USX Engineers & Consultants, Inc.	Urey, D.S.	OUT	Coal and ore mining; mine methane drainage & recovery system
Villeroy & Boch A.G.	Planz, E.	BOTH	Clay mining and extraction



TECHNOLOGY CATEGORY: 12 INDUSTRIAL ORGANIC CHEMICAL PRODUCTS AND PROCESSING  
(SYNTHETIC, COAL, BIO- AND PETRO- CHEMICALS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Babcock Woodall-Duckham Ltd.	Gosden, D.V.	BOTH	General organic and petro-chemicals production and processing
Bechtel, Inc.	Mayur, D.	IN	Industrial inorganic and organic processing
Bergbau-Forschung GmbH	Kohlmann, E. Niedergeressass-Gahlen	OUT	Coal processing and utilization
Biotechnica International, Inc.	Jacobs, N.A.	OUT	Fine chemicals, amino acids, enzymes, antibiotics
Borax Research Ltd.	Cass, R.C.	IN	Metal organics; fluorinated chemicals including monomers and polymers; asymmetric chemicals, epoxy diluents and curing agents; advanced acrylic polymers
Borg-Warner Chemicals, Inc.	Purcell, T.O.	BOTH	Additives for plastics, AOs, UV stags., modifiers
CDF Chimie Group	Marthe, J.P.	BOTH	Petrochemicals
CRA Services Limited	Bellamy, H.	BOTH	
Celgene Corporation	Fithian, L.E.	BOTH	Ind. org. chem.
Compagnie de Raffinage	Olivier, R.	BOTH	
Compania Espanola De Petroleos, S.A.		IN	Petro-chemicals
Cyanamid	Kaufman, E.D.	IN	Monomers for specialty polymers
DSM	Hoogstraten, W.C.R.	IN	
Dainippon Ink & Chemicals, Inc.	Ono, T.	BOTH	
Davy McKee (London) Ltd.	Tudor, R.M.	BOTH	
Descon Engineering (Pvt.) Ltd.	Khan, Z.M.	IN	DOP, oxalic acid, formic acid
Domtar Inc.	Gauvin, A.H.	BOTH	Coal tar & derivatives, roofing wood preserving
Dow Chemical Company, The	Manfroy, W.	BOTH	Industrial organic chemical products
Dragados Y Construcciones	Pollastrini, F.	IN	Petrochemicals
E. Merck	Heumann, J.	IN	Liquid crystals, photo-lacquers, food-additives, vitamins
Electricity Council Research Centre, The	Gibbs, M.G.	OUT	Electrochemical synthesis
Foster Wheeler Energy Ltd.	Hall, M.W.	BOTH	
Genzyme Corp.	McCarter, L.H.	BOTH	Reagents, diagnostics, fine chemicals, enzymes
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	
HELSINN SA	Hausermann, E.	BOTH	Fine chemicals for pharmaceutical/cosmetic industry
Herdillia Chemicals Limited	Pandia, R.M.	BOTH	Petrochemicals and specialty chemicals
Hillard Lyons Patent Mgmt.	Earley, A.L.	OUT	Coal slurries and fuel mixtures
Humphreys & Glasgow Ltd.	Winter, C.L.	BOTH	
ICI Chemicals & Polymers Ltd.	Henstridge, P.	BOTH	Electro-organic synthesis
IMI (TAMI) Institute for Research & Development Ltd.	Rax, I.	BOTH	Fire retardants and biocides
Japan Synthetic Rubber Co., Ltd.	Tanaka, Y.	IN	
Kerr-McGee Corporation	Addison, W.G.	IN	
L'Oreal	Whittaker, J.S.	IN	Industrial organics, as raw materials for cosmetics & drugs
LONZA Ltd.	Keppler, T.	BOTH	
M.W. Kellogg Company, The	Peterson, J.L.	IN	
Marathon Oil Co.	VanSickels, M.J.	BOTH	Coal conversion and related technology
	Burdge, D.	OUT	Oil shale, polyacrylamides (including hydrolyzed)
	Hummel, J.	OUT	
Metalgesellschaft, AG	Rosenberger, H.P.	BOTH	Specialty chemicals
Milliken Research Corporation	Gardner, D.W.	BOTH	Specialty chemicals and textile chemicals
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Underwater painting, polymer cement
Monsanto Australia Limited	Dun, A.	IN	
National Research Laboratories	Katona, A.M.	OUT	Catalyst, gaseous; second-salt free salts and chelates of: $cu^2$ , $Zn^2$ , $Co^2$ , $Hg^2$ , etc., process for production of
Neochem Corporation	Arai, R.	BOTH	
Occidental Chemical Corporation	Viswanathan, K.	IN	Industrial organic chemical products & processing
Pennwalt Corp.	Eichelberger, J.L.	BOTH	Sulfur, nitrogen and fluoride compounds
	Wagner, L.A.	BOTH	
Perstorp AB	Dahlgren, G.	BOTH	
	Henning, M.	BOTH	Formaldehyde, Methanol and/or formaldehyde products
Purdue Frederick Co., The	Bugbee, H.	BOTH	Pharmaceutical and cosmetic intermediates
Quantum Chemical Corp., USI Division	Bowles, W.A.	BOTH	Industrial organic chemicals
Richard J. Gay	Gay, R.J.	OUT	
Rohm & Haas Co.	Valko, N.	BOTH	Synthetic monomers & polymers
Roussel UCLAF	Dache, C.A.	BOTH	
S.C. Johnson & Son Inc.	Schaefer, E.S.	BOTH	Applciation to household
SNPE	Brocart, A.	BOTH	Fine organic chemicals
Scientific Design Company, Inc.	Muenz, K.	IN	Fine and speciaity chemicals
	Muenz, K.	OUT	Ethylene oxide, ethylene glycol, maleic anydride & their derivatives
Seitetsu Kagaku Co., Ltd.	Fujimoto, T.	BOTH	
Shell International Petroleum Co., Ltd.	Thrush, A.M.	BOTH	
Shell Internationale Research Maatschappij	Van Zutphen, J.A.	BOTH	Petrochemical processes
Simon Carves Ltd.	Morris, C.	IN	
Technip, Inc.	Fussman, F.	BOTH	
UCB S.A.	DeVos, P.	BOTH	Maleio anhydride derivatives-amines-fine chemicals
UHDE GmbH	Mundo, K.J.	BOTH	Design & construction of prod. plants & engrg. services
Union Carbide Corp.	Francis, J.A.	BOTH	
Union Explosivos Rio Tinto, S.A.	Conde, M.	BOTH	Industrial organic processing

TECHNOLOGY CATEGORY: 14 DRUGS (HUMAN AND ANIMAL MEDICINAL PRODUCTS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Bay Medco	Florence, D.	BOTH	
Beecham Pharmaceuticals	Holland, M.J.	BOTH	Ethical pharmaceuticals, especially antibiotics, cardiovasculars, CNS agents, analgesics
Block Drug Co., Inc.	Goodman, J.	BOTH	Human, especially dental, gastrointestinal, cardiovascular
Boehringer Ingelheim Corporation	Becker, R.	BOTH	Human and veterinary ethical pharmaceuticals, human OTC pharmaceuticals
Boots Company (USA) Inc., The	Fiori, L.J.	BOTH	CVD, CNS, GI and anti-inflammatory agents
Bristol Myers	Wechter, W.J.	BOTH	
	Douros, J.	BOTH	
	Gordon, M.	BOTH	
Byk Gulden Lomberg Chemische Fabrik GmbH	Felgenhauer, F.	IN	Musculoskeletal, CNS (ethical), OTC, imaging agents, diagnostics
	Felgenhauer, F.	BOTH	Alimentary cardiovascular, respiratory products (ethical)
Celgene Corporation	Fithian, L.E.	BOTH	Pharm - drug intermediates
Ciba-Geigy Pharmaceuticals	Hutchison, R.D.	BOTH	Ethical & OTC pharmaceuticals & advanced drug delivery
Coopers Animal Health	Pay, P.W.	BOTH	Veterinary pharmaceuticals, vaccines and diagnostics
DAK-Laboratoriet a/s	Arnkjaer, B.P.	IN	Human pharmaceuticals
Dainippon Ink & Chemicals, Inc.	Ono, T.	BOTH	
Diamond Scientific Co.	Stevens, D.R.	IN	
Duphar B.V.	Jansen, H.	BOTH	
E.I. DuPont de Nemours & Co., Inc.	Weisman, H.S.	BOTH	Pharmaceutical
E. Merck	Heumann, J.	BOTH	Dermatological, cardiovascular and CNS drugs and biomaterials
ELF Technologies	Bodelle, J.	BOTH	
Eastman Pharmaceuticals	Blank B.	BOTH	
	Richey, D.	BOTH	
Electricity Council Research Centre, The	Gibbs, M.G.	OUT	High purity water
Eli Lilly and Company	Smith, R.A.	IN	
Farmos Group Ltd. Pharmaceutical Division		BOTH	
Fisons Iberica S.A.	Senz De Broto, J.	BOTH	
Fisons Pharmaceuticals	Reed, M.D.	BOTH	Respiratory, ophthalmic, GI, nasal, cardiovascular, allergy, inflammation
Gene Link Australia	Round, J.	BOTH	Animal health and drug delivery
Genzyme Corp.	McCarter, L.H.	BOTH	Research biologicals, interleukins, growth factors
Glaxo Animal Health	Reynolds, I.	BOTH	Medicinal and performance enhancers
Glaxo Canada Inc.	Kalina, D.J.	BOTH	Drugs
Herdillia Chemicals Limited	Pandia, R.M.	BOTH	
ICI Pharmaceuticals	Elmore, N.F.	IN	Human medicinal products
Jouveinal Laboratories	Manna, R.	BOTH	Human medicinal products
Kabi Vitrum AB	Dahlen, B.	BOTH	
KabiGen AB	Sirvell, K.	OUT	Peptides, vaccines, blood proteins
Kureha Chemical Industry Co., Ltd.		BOTH	Anticancer drugs
Kyowa Hakko Kogyo Co., Ltd.		BOTH	
L'Oreal	Whittaker, J.S.	BOTH	Dermatologicals
Laboratoires Debat	Lomoiné, J.	BOTH	
Laboratoires Delagrangé	Irisari, I.	BOTH	Ethical pharmaceutical products, OTC pharmaceutical products
Laboratoires Fournier	Picart, F.	BOTH	Human drugs
Lipha S.A.	Grumel, J.M.	BOTH	Cardiovascular, diabetes
London International Group plc	Halliday, R.P.	IN	OTC
3M	Turnbull, P.	BOTH	Human
Marion Laboratories, Inc.	Gardner, S.M.	BOTH	Only for human use
	McNish, N.L.	BOTH	
Martin Marietta Energy Systems, Inc.	Winchell, B.M.	OUT	
Miles Inc.	Bradley, B.	BOTH	Biologicals such as blood plasma fractions
	Mucha, J.L.	IN	Human and consumer health care products
Napp Pharmaceutical Group	Hargreaves, B.J.	BOTH	Human medicinal products & drug delivery systems
National Research Laboratories	Katona, A.M.	OUT	Anti-plaque, anti-tartar, anti-periodontal dentifrice; anti-Herpes agent; anti-arthritis agent; topical anti-fungal, anti-bacterial, anti-viral, anti-inflammatory agents, anti-pruritic agents
Norwich Eaton Pharmaceuticals, Inc.	Denning, G.S., Jr.	BOTH	Human medicinal products only
Nycomed AS	Paulssen, R.B.	BOTH	Human medicinal products for therapeutic and diagnostic use
Ortho Pharmaceutical Corporation	Weise, D.L.	IN	Contraception, gynecology, dermatology, antibiotics, GI and CV drugs
Pennwalt Corp.	Eichelberger, J.L.	BOTH	
Perstorp AB	Dahlgren, G.	BOTH	
Pfizer Inc.	Davis, E.T.	IN	OTC health care and all animal health
Pinewood Laboratories Ltd.	Clifford, R.	IN	Human: finished dosage forms of drugs
Procordia Nova AB	Storakers, O.	BOTH	
Purdue Frederick Co., The	Bugbee, H.	BOTH	Human pharmaceuticals
R P Scherer Limited	Drinkwater, D.J.	BOTH	Novel compounds & drug delivery systems
Reed & Carnrick Pharmaceuticals	Scott, L.J.	BOTH	Drugs - human
Reid-Rowell	Fraser, D.	IN	Gastroenterology; obstetrics/gynecology; cardiovascular; neurology; cystic fibrosis

TECHNOLOGY CATEGORY: 15 PACKAGING, GRAPHICS AND PRINTING

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	IN	Sensors
Quantum Chemical Corp.	Bowles, W.A.	IN	
S.C. Johnson & Son Inc.	Schaefer, E.S.	BOTH	Aerosols
Shiseido Co., Ltd.		BOTH	New packaging for cosmetics & toiletries
Siemens-Elementa AB	Baselius, G.L.	OUT	Ink jet printing
Sonoco Limited	Murphy, J.J.	IN	All except graphics
Surfin Systems	Beacham, C.	BOTH	Sporting good accessories
UCB S.A.	Devos, P.	BOTH	Flexible films
Unilever PLC	Tate, R.V.	IN	For consumer goods
Van Leer Services B.V.	Spier van Zwicht, O.	BOTH	Metal, flexible film and paper board/pulp
W.R. Grace & Co.	Bleeker, R.A.	IN	Packaging, graphics and printing
	Palmer, N.I.		
Westvaco Corporation	Leithead, R.B.		Mainly paperboard
	Mulligan, D.D.		

TECHNOLOGY CATEGORY: 16 SOAPS, DETERGENTS, COSMETICS AND TOILETRIES

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Aquascutum Ltd.	Clark, H.A.	BOTH	Men and women's toiletries
Colgate-Palmolive Company	Zabronsky, J.	BOTH	
Domtar Inc.	Gauvin, A.H.	BOTH	Softeners
Drackett Company, The	Shaer, E.H.	IN	
Ecolab Inc.	Ossanna, O.A.	BOTH	Including sanitizers and disinfectants
Gillette Company, The	Gale, W.S.	IN	Personal care products; hair, skin, oral hygiene
L'Oreal	Whittaker, J.S.	BOTH	Cosmetics & toiletries
National Research Laboratories	Katona, A.M.	OUT	Odor control agents; organometallic surfactant; biocidal preservatives; biostabilizers
PQ Corporation	Posner, E.G.	IN	Detergent builders
Pfizer Inc.	Davis, W.T.	IN	Cosmetics and toiletries with health care claims
Prudential Venture Managers, Ltd.	James R.	OUT	Diagnostic instrument for doctors office and anti thrombogenic coatings
Rohm & Haas Co.	Valko, N.	IN	Biocides and detergent builders
S.C. Johnson & Son Inc.	Schaefer, E.S.	BOTH	Over counter drugs
Schering-Plough Corp.	McDaniel G.	BOTH	Cosmetics and toiletries
	Mugford, D.J.	IN	
	Oppenheimer, C.H.	BOTH	Cosmetics and toiletries
Shiseido Co., Ltd.		BOTH	New raw material for cosmetics & toiletries
Unilever PLC	Tate, R.V.	IN	Domestic products
Union Carbide Corp.	Francis, J.A.	BOTH	
University Genetics Co.	Monahan, T.J.	BOTH	Cosmetics

TECHNOLOGY CATEGORY: 17 PAINTS, VARNISHES, COATING AND ADHESIVES

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
American Cyanamid Co.	Rau, R.L.	IN	Crosslinking agents for polymers in coatings, paint, etc. adhesives for wood (furniture) and plastic to plastic/metal bonding
Ashland Chemical	Hart, J.F.	BOTH	
	Venne, V.F.	BOTH	
Byk Bulden Lomberg Chemische Fabrik GmbH	Felgenhauer, F.	IN	Additives, instruments
COFAP-Companhia Fabricadora De Pacas	DeLima, M.	IN	Paints, varnishes, coatings and adhesives
Coates Brothers PLC	Frew, J.	BOTH	Metal decorating inks and coatings
	Howie, R.B.		
Cyanamid	Kaufman, E.D.	IN	Industrial adhesives, also coatings
DSM	Hoogstraten, W.C.R.	IN	
Dainippon Ink & Chemicals, Inc.	Ono, T.	BOTH	
Dow Chemical Company, The	Manfroy, W.	BOTH	Thermoset coatings
E.I. DuPont de Nemours & Co., Inc.	Coburn, M.M.	BOTH	Automotive coatings
ELF Technologies	Bodelle, J.	BOTH	
Glidden Company, The	McConnell, P.	BOTH	
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	
I.C.I.	Kerr, M.A.	BOTH	Including resins and other intermediates
Japan Synthetic Rubber Co., Ltd.	Tanaka, Y.	IN	
Kaman Sciences Corp.	Cornwell, I.A.	OUT	Ceramic Coatings on metals
Kerr-McGee Corporation	Addison, W.G.	IN	
Laboratoires Fournier	Picart, F.	BOTH	Adhesives

TECHNOLOGY CATEGORY: 18 COMPUTERS, DATA TRANSMISSION, COMMUNICATIONS AND SOFTWARE

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Techmet Corporation	Allen, H.E.	BOTH	Communication & software
Telefonica	Lobo, I.	BOTH	Telecommunication
Texas Instruments Incorporated	Donaldson, R.	BOTH	
Toshiba Corporation		BOTH	
USX Engineers & Consultants, Inc.	Urey, D.S.	OUT	Process computer control and management systems
Upjohn Company, The	Schwartz, P.B.	OUT	
Varian Assocs., Inc.	Cole, S.Z.	BOTH	
Villares Informatica	Vani Fucci, T.	BOTH	
Zeria Pharmaceutical Co., Ltd.	Matsumoto, S.	IN	Software

TECHNOLOGY CATEGORY: 19 ELECTRICAL AND ELECTRONIC EQUIPMENT (TRANSMISSIONS, INDUSTRIAL APPARATUS, HOUSEHOLD APPLIANCES, SECURITY, SAFETY AND WARNING ALARMS PLUS VIDEO AND SOUND REPRODUCTION)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
ALSTHOM	Vandermaessen J.	OUT	Electrical & electronical power control for rolling stock
ANT Nachrichtentechnik GmbH	Huber, B.	BOTH	Mobile radio systems, audio systems, studio equipment, network control systems
ATEA N.V.	Roosendaal, E.	BOTH	Transmission and traffic signalling equipment
Alcatel Austria Aktiengesellschaft	Kunz, W.	BOTH	
Automatic Timing & Controls Company, Inc.	Haupt, G.K.	BOTH	Industrial Apparatus
Bergbau-Forschung GmbH	Kohlmann, E.	OUT	Security and remote control technology
	Niedergesass-Gahlen		
Boeing Company, The	Savage, L.A.	OUT	Mfg. inspection & testing equipment
Broadcast Technology Partners	Looper, E.S.	BOTH	Radio & television broadcasting & reception & consumer electronics in general
CISE SPA	Bergamini, P.	OUT	Power plants diagnostic systems
Cambridge Electronic Industries p.l.c.	Waggett, M.	BOTH	Electromechanical components; connectors electrical variable speed drive systems (Eddy current and switched reluctance motor)
Danfoss A/S	Brodersen, A.H.	BOTH	Components controls
EDO Corporation	Hegarty, M.J.	BOTH	Sonar - active & passive
Electricite De France		BOTH	
FABELCA	Nouel, B.	BOTH	Power supplies
Fuji Xerox Co., Ltd.	Oda, F.	BOTH	
Fujitsu Limited	Iseki, G.	BOTH	
Gallagher Group	Gallagher, W.M.	BOTH	Agricultural related; e.g., electric fences
General Electric Japan, Ltd.	Inoue, T.	BOTH	
Gillette Company, The	Gale, W.S.	BOTH	Small household appliances
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	
Henry Von Kohorn	Von Kohorn, H.	OUT	Interactive TV systems
Hillard Lyons Patent Mgmt.	Earley, A.L.	BOTH	Factory automation devices
Idaho National Engineering Laboratory	Welch, J.M.	OUT	Control systems alarm & expert systems
Kinloch Electronics Ltd.	Hutton, R.	IN	Manufacture electronic devices
Liton Industries, Inc.	Thiel, W.R.	BOTH	Inertial navigation systems
3M	Barnes, J.L.	BOTH	Electrical and electronic equipment (transmission)
Martin Marietta Energy Systems, Inc.	McKenzie-Wardell, D.	OUT	
Matsushita Electric Industrial Co., Ltd.	Noishiki, I.	BOTH	
Metallgesellschaft, AG	Rosenberger, H.P.	OUT	Measuring levels of molten metals
Mitsubishi Cable Industries, Ltd.		IN	
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	IN	Sensors
Netherlands PTT Intellectual Property Group	Van Voorst, F.	BOTH	Transmission equipment, electronical, optical
Nippon Mining Co., Ltd.	Namikawa, K.	IN	Electronic devices
OMFB	Kardos, P.	BOTH	
Optische Industrie (De Oude Delft) bv.	van der Burg, L.	BOTH	Robot vision
Pegasus Sewing Machine Mfg. Co., Ltd.		BOTH	
Philco International Company	Cooper, W.G.	OUT	White goods appliances
Philips Electronics Holdings Ltd.	Tymbios, C.C.	BOTH	
Philips SPA	Azzolina, A.	BOTH	
Product Genesis, Inc.	Haggerty, M.K.	BOTH	
Raytheon Co.	Bowen, R.F.	BOTH	Appliances
SAB NIFE AB	Petri, S.	BOTH	Power electronics
Samsung Electronics Co., Ltd.		BOTH	
Sekisui Chemical Co., Ltd.	Izaki, T.	BOTH	Transmission, home automation
Solar Enterprises Limited	Noone, J.A.	BOTH	Control equipment especially lighting

TECHNOLOGY CATEGORY: 20 MECHANICAL MACHINERY AND EQUIPMENT (CONSTRUCTION, MANUFACTURING, AIR CONDITIONING HEAT EXCHANGERS, VENDING AND MACHINE TOOLS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Upjohn Company, The	Schwartz, P.B.	OUT	
Vickers, Incorporated	Walrad, J.F.	BOTH	Construction, manufacturing & machine tools
Villares Informatica	Vani Fucci, T.	BOTH	
Zahnradfabrik Friedrichshafen Aktiengesellschaft	Uellner, M.	BOTH	Transmissions, axles, steering gears, pumps for application in on-road and off-road, agricultural machinery, marine and aircraft

TECHNOLOGY CATEGORY: 21 TRANSPORTATION AND LIFTING EQUIPMENT (MOTOR VEHICLES, AIRCRAFT AND SPACE, RAILROADS, SHIPS, HOISTS AND CONVEYORS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
ALSTHOM	Vandermaessen J.	OUT	Rolling stock equipment
Allied-Signal, Inc.	Norman, I.	IN	Automotive exhaust catalysts and ceramic supports
Automotive Products plc	Scholfield, I.M.	BOTH	Transmission steering & braking systems
British Aerospace Plc.	Cookson, B.	BOTH	Aerospace related design, manufacturing & operations tech
British Nuclear Fuels plc	Potts, R.Y.	OUT	Conveyors/sorters of fairly lightweight components
Budd Company, The	Vergoz, J.	BOTH	Vehicle body components, wheels, hubs, drums
Caterpillar Inc.	Thompson, W.S.	BOTH	
Epidyne Limited	Kristensen, P.E.	OUT	Innovative engine technology
Federal-Mogul Corp.	Hess, R.	BOTH	Bearings, seals, fasteners
Figgie International Inc.	O'Brien, J.R.	BOTH	Hydraulic lifts, electric vehicles, fire protection
Fuji Heavy Industries Ltd.	Tahara, M.	BOTH	Motor vehicles
Hellerbond Technology Company	Leatherman, A.F.	OUT	Process for heat sealing plastics
Industrias Villares S/A	Stagni, S.	IN	Elevators, escalators, moving walk
Jawca Pty, Ltd.	Thomas A.	BOTH	
Korea Heavy Industries & Construction Co. Ltd.	Hutton R.	BOTH	Cranes, hoists, and conveyors
MAN B&W Diesel GmbH	Hehn, H.A.V.	OUT	Marine diesel engines 500-50,000 HP propulsion
McConnell Dowell Constructors Ltd.	Kidd, N.L.	BOTH	Slurry transportation
Metallgesellschaft, AG	Rosenberger, H.P.	OUT	Dust free bin charging with grab crane
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Cogeneration
Netherlands PTT Intellectual Property Group	Van Voorst, F.	BOTH	Postal sorting, coding, transporting
O&K Orenstein & Koppel Aktiengesellschaft	Cordes, G.J.	BOTH	Escalators & autowalks
OMFB	Kardos, P.	BOTH	
Regie Nationale Des Usines Renault	Srou, E.	BOTH	Motor vehicles
SAB NIFE AB	Petri, S.	BOTH	Railroad brake equipment
SKF AB	Kristiansen, A.P.	BOTH	Transportation by conveyors
Stein Industrie	Perot, F.	BOTH	Energy; steam generation
Vickers, Incorporated	Walrad, J.F.	BOTH	Motor vehicles, aircraft & space, hoists & ships
Villares Informatica	Vani Fucci, T.	BOTH	
Zahnradfabrik Friedrichshafen Aktiengesellschaft	Uellner, M.	BOTH	Transmissions, axles, steering gears, pumps for application in on-road and off-road, agricultural machinery, marine and aircraft

TECHNOLOGY CATEGORY: 22 ENERGY (GENERATION, DISTRIBUTION AND CONTROLS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Babcock & Wilcox Espanola, S.A.	De Leon, R.S.	BOTH	Power plants, development, design, construct. erection
Caterpillar Inc.	Thompson, W.S.	BOTH	
Combustion Engineering, Inc.	Pileika, V.	BOTH	Fossil and nuclear steam generating systems
Danfoss A/S	Brodersen, A.H.	BOTH	Components controls
Descon Engineering (Pvt.) Ltd.	Khan, Z.M.	BOTH	Power plants, energy conservation process
Dragados Y Construcciones	Pollastrini, F.	IN	Generators
ECR Technologies, Inc.	Roberts, J.H., Jr.	OUT	Earth coupled heat pumps for space heating, cooling & water heating
ELF Technologies	Bodelle, J.	BOTH	
Electricite De France		BOTH	
Epidyne Limited	Kristensen, P.E.	OUT	Power plant for generators
FRAMATOME (Nuclear Fuel Division)	Xavier, D.	OUT	
Humphreys & Glasgow Ltd.	Winter, C.L.	BOTH	
Idaho National Engineering Laboratory	Welch, J.M.	OUT	Control systems and RAM
Korea Heavy Industries & Construction Co. Ltd.	Hutton, R.	BOTH	Generator and controls

TECHNOLOGY CATEGORY: 24 INSTRUMENTS, DEVICES, CONTROLS AND SYSTEMS

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Becton Dickinson & Co. Bergbau-Forschung GmbH	Buono, F. Kohlmann, E. Niedergesass-Gahlen	BOTH OUT OUT	Instrument reagent systems for hosp. and phys. labs
Boeing Company, The British Aerospace Plc. British Nuclear Fuels pic Cambridge Electronic Industries p.l.c.	Savage, L.A. Cookson, B. Potts, R.Y. Waggett, M.	OUT BOTH BOTH BOTH	Measurement, inspection NDT, process control Chemical process control Vapour detection/monitoring equipment (including chemical agent monitoring equipment)
Danfoss A/S E.I. DuPont de Nemours & Co., Inc. Electricite De France Electricity Council Research Centre, The FABELCA Figgie International Inc. Fujitsu Limited GECO A.S. Harwell Laboratory Hewlett-Packard Co. Hillard Lyons Patent Mgmt.	Brodersen, A.H. Weisman, H.S. Gibbs, M.G. Nouel, B. O'Brien, J.R. Iseki, G. Furu, H. Cabell, M.J. Fox, S.P. Earley, A.L.	BOTH BOTH BOTH OUT BOTH BOTH BOTH OUT BOTH BOTH	Components industrial controls Diagnostics Instrumentation for electricity distribution systems Electrical measurement transducers & SCADA systems Temperature control & sensing instruments Semi-conductors & electronic components Specialized nuclear instrumentation Electronic measuring & test equipment Employing laser, ultrasonic, piezoelectric and other advance testing/analytical methods
Horizonte Venture Management GmbH IMI plc Idaho National Engineering Laboratory Integrated Electronic Technologies Kinloch Electronics Ltd. Learning Things, Inc. 3M Martin Marietta Energy Systems, Inc. Mitsui Engineering & Shipbuilding Co., Ltd. Netherlands PTT Pegasus Sewing Machine Mfg. Co., Ltd. Philips SPA Product Genesis, Inc. R.A.B. Associates Rosemount Ltd. Samsung Electronics Co., Ltd. Shannon Development Co., Ltd. Shell Internationale Research MY BV Tosoh Corporation Upjohn Company, The Westvaco Corporation	Krejs, F.R. Millar, J.S. Welch, J.M. Fiori, D., Jr. Hutton, R. Onanian, R.A. Barnes, J.C. Winchell, B.M. Kishimoto, K. Van Voorst, F. Azzolina, A. Haggerty, M.K. Bull, R. Johnston, J.S. Slattery, G. Jongbloed, H.P. Kawahima, K. Schwartz, P.B. Leithead, R.B. Mulligan, D.D. Taylor, C.	BOTH BOTH OUT BOTH IN BOTH BOTH OUT IN BOTH BOTH BOTH BOTH IN BOTH BOTH BOTH OUT BOTH BOTH BOTH BOTH	Fluid power controls Sensors & diagnostics of materials processing Transducers, integrated circuits, position indicating devices Manufacture electronic devices Testing devices and systems Sensors, active acoustic control system Systems for telecom and information transport Instrument, devices, controls and systems Laboratory Instrumentation
Weyerhaeuser Company		BOTH	Instrumentation (process, laboratory)

TECHNOLOGY CATEGORY: 25 PHOTOGRAPHIC DEVICES, OPTICAL INSTRUMENTS AND LENSES

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Allergan, Inc. Barnes-Hind, Inc. Boeing Company, The CISE SPA EDO Corporation Fuji Xerox Co., Ltd. Hitachi Metals, Ltd. Learning Things, Inc. Mita Industrial Co., Ltd. Mitsubishi Cable Industries, Ltd. Optische Industrie (de Oude Delft) bv. Pfizer Inc. Pilkington P.E. Ltd. Projectina Ltd.	Zeleznick, L.D. Geeting, D.G. Savage, L.A. Bergamini, P. Hegarty, M.J. Oda, F. Tanaka, H. Onanian, R.A. van der Burg, L. Davis, W.T. Warner, R. Liechti, W.	IN IN OUT OUT BOTH BOTH IN BOTH BOTH IN BOTH IN BOTH	Photographic devices, optical instruments and lenses Contact lens care solutions and accessories Measurement, inspection, fiber optics Holography Electro optic, infra red, lasers Optical instruments Photocopiers Photographic devices, optical instrument and lenses Industrial imaging, electron optics, laser range finder Skeletal, cardiovascular and urinary prosthesis Optical instruments and lenses Optical instruments, optical systems & components

## TECHNOLOGY CATEGORY: 27 BIOTECHNOLOGY

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Boots Company (USA) Inc., The	Wechter, W.J.	BOTH	As route to no. 12 (plastics additives)
Borg-Warner Chemicals, Inc.	Purcell, T.O.	IN	
Bristol Myers	Douros, J.	BOTH	
	Gordon, M.	BOTH	
Byk Gulden Lomborg Chemische Fabrik GmbH	Felgenhauer, F.	IN	Especially for category 14
Calgene, Inc.	Matlock, P.	IN	
Celgene Corporation	Fithian, L.E.	BOTH	
Ciba-Geigy Pharmaceuticals	Hutchison, R.D.	IN	Diagnostics targetting vectors and general
Colgate-Palmolive Company	Zabronsky, J.	IN	
Compania Espanola De Petroleos, S.A.		BOTH	Enzymes
Coopers Animal Health	Pay, P.W.	IN	Vaccines and diagnostics for animal health use
Diamond Scientific Co.	Stevens, D.R.	IN	
Domtar Inc.	Gauvin, A.H.	BOTH	
Duphar B.V.	Jansen, H.	IN	
E.I. DuPont de Nemours & Co., Inc.	Weisman, H.S.	BOTH	Pharmaceutical
ELF Technologies	Bodelle, J.	BOTH	
Eastman Pharmaceuticals	Blank, B.	BOTH	
	Richey, D.	BOTH	
Electro-Nucleonics Inc.	Waddell, H.H.	BOTH	Virology, Immunology
Eli Lilly and Company	Smith, R.A.	IN	
Farmos Group Ltd. Pharmaceutical Division		IN	
Finnish Sugar Co., Ltd.	Kurkinen, J.	OUT	Enzymes
	Rinkinen, R.	OUT	
Gene Link Australia	Round, J.	BOTH	Animal health related
Genzyme Corp.	McCarter, L.H.	BOTH	Cell-line derived products, lymphokines, complements
Glaxo Animal Health	Reynolds, I.	BOTH	Therapeutic, analytical and performance enhancers
Glaxo Canada Inc.	Kalina, D.J.	BOTH	Relating to drugs
Harwell Laboratory	Cabell, M.J.	OUT	Expertise in biochemical separations
Horizonte Venture Management GmbH	Krejs, F.R.	BOTH	
ICI Agrochemicals	Smith, W.	IN	Plant biotechnology
ICI Americas Inc.-Agricultural Product	McClelland, R.C.	IN	All aspects relating to agriculture including plant breeding
ICI Pharmaceuticals	Elmore, N.F.	IN	As applied to the pharmaceutical industry
Idaho National Engineering Laboratory	Welch, J.M.	OUT	Biodegradation and processes
KabiGen AB	Sirvell, K.	OUT	Genetic engineering, cell cultivation, process development
Kerr-McGee Corporation	Addison, W.G.	IN	
Kraft Inc.	Staackmann, J.W.	BOTH	
Kyowa Hakko Kogyo Co., Ltd.		BOTH	
L'Oreal	Whittaker, J.S.	IN	Biotechnology as applied to cosmetics, toiletries and drugs
Laboratoires Debat	Lemoine, J.	BOTH	
Marion Laboratories, Inc.	Gardner, S.M.	BOTH	
	McNish, J.L.	BOTH	
Martin Marietta Energy Systems, Inc.	McKenzie-Wardell, D.	OUT	
Metallgesellschaft, AGA	Rosenberger, H.P.	BOTH	Agricultural products
Miles Inc.	Bradley, B.	BOTH	
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	IN	
Napp Pharmaceutical Group	Hargreaves, B.J.	IN	Pharmaceutical & medical diagnostic applications
Nucleus Limited	Hirshorn, M.S.	BOTH	Biomedical
Nycomed AS	Paulssen, R.B.	BOTH	Related to no. 14.
Ortho Pharmaceutical Corporation	Weise, D.L.	IN	Medical
Paravan AB	Hogberg, B.	BOTH	
Pfizer Inc.	Davis, W.T.	IN	Animal health
Pharmacia P-L Biochemicals, Inc.	Willis, J.E.	BOTH	Molecular biology reagents & methods
Procordia Nova AB	Storakers, O.	BOTH	
Prudential Venture Managers, Ltd.	James R.	OUT	Expression systems for eucaryotics & in-viro expression in rodents
R P Scherer Limited	Drinkwater, D.J.	BOTH	For use with drug delivery systems
R.J.R. Technical Co.	Beck, C.L.	IN	Plant biotech
Reid-Rowell	Fraser, D.	IN	Gastroenterology; obstetrics/gynecology; cardiovascular; neurology; cystic fibrosis
			Industrial processing
Rohm & Haas Co.	Valko, N.	IN	
Roussel UCLAF	Dache, C.A.	BOTH	
SANOFI		BOTH	
SNIA BPD SpA	Bravo, A.F.	BOTH	Agricultural
Sandoz Pharmaceuticals Corp.	DuBois, M.J.	IN	Pharmaceutical products, bioprocess development, monoclonal antibodies, hymphorines
Schering-Plough Corp.	McDaniel G.	BOTH	
	Mugford, D.J.	IN	
	Oppenheimer, C.H.	BOTH	
Seitetsu Kagaku Co., Ltd.	Fujimoto, T.	IN	Diagnostics, blood typing test related reagent
Sekisui Chemical Co., Ltd.	Izaki, T.	BOTH	
Smith Kline & French Laboratories	Actor, P.	BOTH	Therapeutics & vaccines
	Beck, T.		
	Northcott, R.		
Squibb Diagnostics	Brown, R.J.	BOTH	Diagnostic agents

TECHNOLOGY CATEGORY: 28 OTHER

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Surfin Systems University Genetics Co. Upjohn Company, The W.R. Grace & Co.	Beacham, C. Monahan, T.J. Andonian, J.K. Bleeker, R.A.	BOTH BOTH BOTH BOTH	Sports and leisure, especially windsurfing-surfing Plants, horticulture, tissue culture Vegetable and agronomic seed technology Other: horticultural, electronics materials, sealants, specialty construction materials, separation sciences
WRC Processes Wahlco, Inc. Warner-Lambert Co. Wellcome Diagnostics	Palmer, N.I. Wordingham, V. Sandler, H.E. Walsh, R.J. Coleman, A.J. Finch, S.	BOTH BOTH BOTH BOTH IN	Water and wastewater treatment Industrial grade heaters and thermocouples Confectionery products Diagnostics - infectious diseases
Western Atlas International, Inc.	Lowe, R.E.	BOTH	Oil and gas exploration, especially seismic surveys, well logging, core analysis, well completion
Weyerhaeuser Company	Taylor, C.	BOTH	Ornamental plants, seeds, flowers



**Brown University Research Foundation**  
**William M. Jackson**

Brown University Research Foundation provides technology transfer services through the licensing of patents and copyrights and arranges cooperative research programs with corporations. The University spends over \$40 million on research annually. Two free directories, *Biomedical Research at Brown* and *Directory of Science and Engineering Research* are available upon request. Technology in categories 11, 12, 14, 18, 26 and 27.

**Brunel University**  
**G.L. Burkitt**

Research activities: bioengineering; computational fluid mechanics; computational solid mechanics; computer aided engineering - microelectronics; free radical mechanisms of disease; manufacturing metrology and quality engineering; materials processing; public policy studies; surface science and engineering. Offering technology in categories 7 (especially thermoplastic extrusion and moulding), 11 and 12 (especially surface chemistry), 18 (especially expert systems and VLSI design/testing), and 24 (metrology).

**Calgary, University of**  
**Dr. M.E.D.R. Raymont**

Offering technology in the following areas: medical science, biotechnology (human, agriculture), computing (telecommunications, simulation, s/w), microelectronics, space science (research), environment, sport science, materials, oil and gas, entrepreneurship, chemicals, internationalism, and energy (chemical and petroleum research).

**California State University/Fullerton (CSUF)**  
**Ray E. Snyder**

Offering technology in categories 24 and 26.

**Canadian Patents and Development Limited**  
**W.D. Gordon, D.C. Cryderman, K.F. Crowe**

A Crown Corporation, reporting to the Parliament of Canada through the Minister of Regional Industrial Expansion, which assesses patents in Canada and other countries, and licenses to industry the industrial and intellectual property arising out of research and development conducted in the laboratories of the Government of Canada, Crown Corporations and Agencies, Universities and other publicly financed institutions, and industrial and intellectual property resulting in the private sector from certain government financed research and development. Interested in all listed technology categories.

**Centre National de la Recherche Scientifique**  
**(CNRS) - France**  
**Elisabeth Roux-Mendras**

As the major French basic research agency, the CNRS covers all of the scientific fields: nuclear and particle physics, mathematics and basic physics, physical sciences for engineering, chemistry, earth, ocean, atmospheric and space sciences, life sciences (biology, physiology, pharmacology, etc.), and humanities and social sciences.

**Centre Scientifique et Technique du Batiment**  
**Mr. Baumlin**

All building construction techniques: physics and chemistry of materials, energy (heat exchanges), building structural work, exterior envelope work, and building equipment. Also active in categories 5, 11, 12 and 18.

**Chalmers University of Technology**  
**Prof. Ove Granstrand**

Active in categories 18 (especially main frame computers and telecommunications/information technology) and 19 (especially video tape recorders).

**Children's Hospital Oakland**  
**David R. Fielder**

A pediatric research hospital with cancer diagnostics patents and research interests in medical devices, anti-oxidant drugs, antibiotics, molecular genetics, gene therapy, prenatal diagnosis, nutrition/metabolism, atherosclerosis, blood products, artificial blood, environmental toxicology, bronchopulmonary dysplasia, respiratory distress syndrome (RDS), and diagnostic/treatment/educational software. Seeks joint venture, cooperative, and funded research arrangements with industry, venture capital, and government. Particularly interested in conducting clinical trials with large sickle cell, cystic fibrosis, and RDS patient populations.

**Cincinnati, University of**  
**C. Thomas Cross**

Seek research support funding with grant of special option rights to sponsor, on variety of technologies, medical, chemical, biochemical, engineering, electronics.

**Connecticut Department of Economic Development**  
**Joan L. Landon**

Interested in trade shows abroad (Europe, Far East, etc.) that concentrate on technology transfer and have good track records as well as cost effectiveness for Connecticut firms. The International Division assists Connecticut firms with technology licensing. Their activities cover a broad range of product categories.

**Harvard University**  
**Joyce Brinton and David Stein**

The specific areas in which we have technology available for licensing include: biomedical and health care: bioprocesses, hybridoma technology, molecular biology/recombinant DNA, protein expression, diagnostic tests and instruments, therapeutics, vaccines/anti-infectives, sleep disorder research and treatment, and research products; and physical sciences and software: chemistry, material science/applied science, and software.

**Harvard Medical School**  
**Martha Lawlor**

Categories 14, 25, 26 and 27.

**Hawaii, University of**  
**Ray E. Snyder**

Offering technology in categories 1, 19, 24 and 27.

**Heriot-Watt University**  
**T.K. Crichton**

In addition to optoelectronics, biotechnology, categories 10 (oil and gas) and 18 where we offer technology, we have interests in industrial inorganic chemical and process engineering, electrical and electronic engineering (including microwave engineering), mechanical machinery with particular reference to C.I.M., dynamics and control, sub-sea engineering and pollution control, instruments, devices, controls and systems, medical application of laser technology, man-machine interface and expert systems, microbiology and analytical chemistry.

**Humberside Business School**  
**Howard Davies**

Evaluation of business information systems, aids for the disabled, food and fish processing, catalysis, performance monitoring of diesel engines.

**Illinois, University of, at Chicago**  
**Jon Liljequist**

The University of Illinois at Chicago is a major research institution located just west of Chicago's "Loop" and consists of two mile-separated campuses. The west campus is an integral part of one of the United States' largest health sciences centers that includes five major hospitals as well as colleges of medicine, pharmacy, dentistry, nursing and associated health professions. The east campus includes essentially all other disciplines such as natural sciences, engineering, computer science, etc. Offering technology in categories 11, 12, 14, 26, 27 and 28 (especially pharmaceuticals, genetics and genetic engineering).

**IMEC V.Z.W.**  
**Hans Bracquene or Dr. C. Mortelmans**

IMEC is an independent nonprofit state of the art micro-electronics research laboratory. Its technical objectives are: the development of submicron technology and interconnecting techniques supporting the next generation of VLSI chips, opto-electronic components, surface acoustic wave devices, sensors, solar cells, etc.; the development of design methodologies for VLSI systems; support to universities and to industry in the training of VLSI-designers and of processing engineers. IMEC can fabricate small quantities of special devices and circuits. Professional training courses are offered through the INVOMECEC liaison.

**Innovation Institute**  
**Olav Thrap-Olsen**

Innovation Institute will develop innovations on special contracts with industry and other clients; bring scientific research closer to commercial applications by serving as a link between the clients and the scientific institutions in Sweden and abroad; work through a network of innovators in many areas and geographical locations; and stimulate industrial renewal.

**Insearch Ltd.**  
**Peter McAra**

The institution has internationally ranking expertise, available as consultancy or for licensing in: genetic engineering, drainage engineering, micro hydroelectricity generation, high field strength permanent magnet applications, keyboards for the disabled, electromagnetic spectrum management, mathematical modelling - medical applications, radioactive waste disposal, and microwave drying in process applications.

**INVESTI - Instituto Venezolano de Investigaciones  
Tecnologicas**  
**Henrique Mendez Llamozas**

Assists small and medium-sized companies, foreign and domestic, private and public. Tech-transfer programs, including export possibilities. New product/process planning and development. We employ our own funds or seek internal funding as appropriate. Through its wide experience (30 years) and extensive network of innovators and scientists, INVESTI can enter almost any field of technology in which a client may be interested. Especially in technology categories 5, 7, 8, 10 and 17.

**Michigan State University**  
**Henry E. Bredeck**

The University is interested in obtaining outside funding, as well as licensing its current technology, in the following areas: agriculture; agricultural engineering; agricultural chemicals (fertilizers & pesticides); plant sciences; materials science (clays & ceramics; electromagnetic properties of materials); electrical & electronic equipment; communications and software; biotechnology; waste processing (hazardous and nonhazardous); monoclonal antibodies; pharmaceuticals; artificial intelligence; instrumentation; superconducting cyclotron; medical cyclotron; and instructional systems (software).

**Milwaukee, University of Wisconsin**  
**Irving D. Ross, Jr.**

The Laboratory for Surface Studies is an interdisciplinary research institution. The research efforts are aimed at surface structure, catalysis, corrosion, and solid state integrated circuitry (thin films). The Center for Great Lakes Studies is an interdepartmental effort devoted to research in various fields of aquatic, environmental science, and engineering sharing a focus on the Great Lakes. Principal areas of research include oceanography, limnology, biogeochemistry, geophysics, microbiology, toxicology, marine and freshwater ecology, and groundwater hydrology.

**Mineral Technology, Council for (Mintek)**  
**R.A. Wood**

Smelting and refining of copper and copper nickel concentrates especially if containing precious metals. Plasma-arc furnace technology. Ferro-alloy technology; gold extraction technology; ore dressing technology. Control of milling circuits and extractive metallurgical processes - multi variable control. Mineral beneficiation and magnetic separation. Offering technology in categories 9 and 10.

**Montech Pty. Ltd.**  
**Dr. Paul Hudson**

Montech Pty. Ltd. arranged co-operative research and development projects, including contract R&D (short and long term) and joint ventures in most areas of Monash University expertise particularly in high technology areas of: biotechnology and related development/processing technologies; medical sciences; scientific instrumentation; information technology, artificial intelligence and robotics, computer sciences, including many software developments and products for licensing in Australia and overseas; advanced material sciences; and other engineering fields including mechanical and geophysical/geotechnical.

**MRI-Ventures, Inc.**  
**Robert F. Muir**

MRI-Ventures, Inc., is the for-profit subsidiary of Midwest Research Institute. MRI also manages the Solar Energy Research Institute (SERI) for the Department of Energy. MRI-V commercializes MRI/SERI technologies by a combination of licensing and R&D option agreements with private sector partners. MRI-V's technology portfolio includes: marine antifouling coatings, pesticide bioreactor, laboratory robotics, heat pack, thermoelectrics, electrochromic coatings, atmospheric optical calibration system, thin membranes, microencapsulation, ceramic materials, multifunctional polymers, smoke suppressor, vacuum insulation, vacuum windows, amorphous silicon materials, photovoltaics, supercritical black liquor fractionation and sensor/detectors for trace materials.

**Munich, University of**  
**Dieter Pfaff**

Transfer of technology in east-west trade, including franchising, bottler contracts and joint ventures (special expertise as counselor and arbitrator in socialist countries, too.)

**National Technical Information Service**  
**Robert P. Auber**

The Office of Federal Patent Licensing (OFPL) performs licensing out services for the following Federal Government agencies: Agriculture, Air Force, Army, Commerce, EPA, Public Health Service, Interior, and VA, offering technologies in categories 1, 13, 14, 19, 24, 26 and 27.

**New Mexico, University of**  
**Albert Sopp**

Outside funding sought in all areas of traditional university activities including medical. Centers for High Technology Materials and for Non-invasive Diagnostics (e.g., NMR) have expanded capability.

**North Carolina, The University of, at Chapel Hill**  
**David E. Broome, Jr.**

The University currently has particular interests and strengths in the following areas: Chemistry (particularly organic); medicine; surgery; biomedical engineering; pharmacy (all areas, but of particular interest is pioneering work in cancer treatment using natural products); computer science; and microbiology. The University is also home to a nationally known Cancer Research Center. Many University researchers from a variety of fields are currently active in AIDS research. Offering technology in categories 14, 18, 26 and 27.

**Q Search**  
**R.F. Bange**

Q Search is the consulting unit of the Queensland Institute of Technology. It gives access to the research, consulting and teaching interests of more than 1000 professional and technical staff. Special research and training skills are offered in parallel processing, fibre optics, terotechnology, concrete technology, biotechnology, signal processing, lens development and noble metal recovery. Interested in categories 5, 12, 18, 19, 20 and 27.

**Rapra Technology Ltd.**  
**L.T. Butt**

Rubber and plastics materials and products generally. Also processing and processing control. Offering technology in categories 7 and 18 (databases and software relating to polymers).

**Rensselaer Polytechnic Institute**  
**Ray E. Snyder**

Offering technology in categories 5, 7, 8, 9, 18, 19, 20 and 27.

**Research and Development Institute, Inc., The**  
**Roger N. Flair**

The Institute is closely affiliated with Montana State University and acts as the University's liaison with private industry, soliciting research contracts and licensing University developed technology. The Institute/University has special expertise in the areas of innovative food products; bio-herbicides; bio-insecticides and other bio-technologies; anti-biofouling detection, treating and instrumentation; and animal vaccines.

**Research Corporation Technologies, Inc.**  
**H. Gordon Howe**

RCT administers and licenses technology developed in the research laboratories of other nonprofit academic and scientific organizations. It handles inventions in all areas of technology.

**Research Foundation for Mental Hygiene, Inc.**  
**Morton Bloom**

Affiliated with the New York State Department of Mental Health, the corporation accepts and administers external funding and cooperative research agreements for the Department's four large, well-equipped research institutes. Programs in genetics, molecular biology, neurochemistry, neuropathology, epidemiology and other biomedical sciences, explore brain function and behavior for purposes of determining the causes, detection, prevention and treatment of diseases of the brain, and other disorders including schizophrenia, affective

disorders, alcoholism, Alzheimer's and Down's Syndrom.

**Research Triangle Institute**  
**David H. Faucette**

Cooperative research and outside funding sought particularly for development of anti-cancer drugs. Offering technology in categories 1 (artificial sweeteners), 14 (especially contraceptive and anticancer), 18 (semiconductor films and architecture design software), and 27 (especially subdermal biodegradable drug delivery systems).

**Rutgers, The State University**  
**R. MacWright**

Rutgers spends \$50 million on research annually. Rutgers welcomes industrial support through individual research contracts or by licensing of faculty inventions. In addition, along with industry and the State of NJ, Rutgers is developing a series of High Technology Centers to perform generic research in fields of commercial interest. Technology Sought: artificial intelligence; environmental protection; agricultural biotechnology; computational chemistry; transdermal drug delivery; food technology; biotechnology; plastics recycling; operations research; natural antioxidants; ceramics; robotics; fiber optics; digital signal processing; polarized films. Offering technology in categories 28 (plant variety), 1, 5, 14 and 27 (processing), 18 (software), and 28 (fiber optics and superconductors).

**Sandia National Laboratories**  
**Kurt C. Olsen**

Sandia is a large, multi-program research and development laboratory funded by the U.S. Department of Energy. Special expertise includes combustion technology. Offering technology in categories 22 (especially solar, wind and geothermal), 19 (especially security, safety and control), 10 (especially coal, gas and oil), and 12.

**SINTEF-Foundation for Scientific and Industrial**  
**Research at the Norwegian Institute of**  
**Technology**  
**Eiliv Sodahl**

SINTEF is a not-for-profit organization performing R&D under contract to a wide range of clients. SINTEF employs about 1100 scientists, and its main fields of research activities are: automation and data processing, electronics - acoustics - physics, social research, civil and structural engineering, chemistry-metallurgy, petroleum and geoscience, machine design and production engineering, and hydrodynamics. Examples of research areas are: aquaculture, oceanography, petroleum-related process technology, medical technology, small businesses, and deep water technology. Inventions developed in contract research

the interests of potential corporate sponsors of research and joint ventures. Specific areas of interest include 4, 18, 26 and 27.

**Washington University**  
**H.S. Duke Leahey**

Washington University has additional expertise and centers of advanced technology in molecular biology, immunology, cardiology, radiology, DNA mapping and sequencing, organ and cellular transplant therapy, plant biotechnology, magnetic resonance, imaging (sattelite and medical), communications, military electronics, materials (especially composites) and computational mathematics. Offering technology in categories 14, 18 (especially large systems), 26 (especially diagnostics and therapeutic systems), and 27 (especially plants and recombinant vaccines.).

**Waterloo Centre for Process Development**  
**E.B. Cross**

Offering technology in categories 1, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 17, 18, 22, 23, 24 and 27.

**Wisconsin Alumni Research Foundation**  
**Thomas M. Hinkes**

WARF is the official designee for inventions made at the University of Wisconsin-Madison. WARF's patent portfolio covers broad scientific areas including but not limited to agriculture, biochemistry, chemistry, biotechnology, electrical, electronics, medical devices, metalurgy and instrumentation. Its patentable technology often requires continued research and development which may be funded through cooperative research agreements.

**Wisconsin Innovation Service Center**  
**Debra Knox-Malewicki**

The Wisconsin Innovation Service Center at the University of Wisconsin-Whitewater provides independent inventors and entrepreneurs with preliminary analyses of the marketability of their new product ideas or inventions. Since the stages of new product development became increasingly complex and expensive, identifying the strengths and weaknesses of new products at an early stage can save developers a significant amount of time and money. For a nominal fee, the WISC aims to provide inventors or entrepreneurs with enough information to allow for improved decisions in regard to further development.

**Wisconsin Research Foundation, Medical**  
**College of**  
**Donald H. Westermann**

All areas of medicine and medical practice and research. The Foundation is a not-for-profit subsidiary of the Medical College of Wisconsin comprising 630

physicians, 100 basic scientists, and 840 medical and graduate school students with a research budget of \$27 million. We offer technology in categories 26 (medical devices/instruments), 27 (interferons, hybridomas, RDNA), and 14 (interferons, ophthalmic drugs, etc.).

**Alexander, Cruzan  
Cruzan Alexander**

International consultant, expert witness and arbitrator in intellectual property law and practice in all technical categories and all legal phases with over 45 years' legal experience. Author, lecturer and inventor. Past President of the Licensing Executives Society (USA and Canada). No limitation on type of clients represented or sought. Specialties include negotiations, drafting, valuation and management. University degrees in Chemical Engineering and Law. USA is country of residence.

**American Products Network  
Ernest R. Jones**

Assist American companies, Universities, and Government Research Laboratories establish and maintain Technology Transfer Programs. Represent American organizations seeking to identify and evaluate suitable licensees and licensors worldwide. Assist American clients in negotiating joint ventures, service agreements, or licensing agreements for new products, new processes, and intellectual property worldwide. Specialize in American technologies fully protected by patents, trademarks, copyrights, or trade secrets. Primarily high tech search areas and source evaluation/screening for categories 18, 19, 22, 23, 24, 25 and 26.

**American Technologies, Inc.  
Dr. Girish C. Barua**

Specialty chemicals: functional and cross-linking monomers, surface-active agents, specialty polymers, and their industrial use in pharmaceuticals, food, emulsion polymerization, personal-care and cosmetics, agricultural and health oriented industries. Located in U.S.A.

**Andersen, Arthur, and Company  
Howard R. Serlin**

Specializing in income tax matters related to licensing and US/Canadian cross-border taxation.

**API International Business Development Group  
George Madden**

Technology Transfer by means of joint venture, license agreements, consortia, joint working relationships. Active in market survey, management information systems, mergers, acquisitions, operational research. Specialize in product/company search type projects. General intellectual property practise. Main areas of activity are Europe and America. Typical clients are medium to large manufacturing firms. Categories of prime interest are 1, 14, 16, 19, 20, 24, 26, 27 and 28.

**Armbruster Associates  
Dr. David Armbruster**

Worldwide chemical consultants providing services for licensing/technology transfer: business opportunity analysis/identification, business development, competitive analysis, marketing research, market assessment, corporate acquisition, new product/technology acquisition, technology assessment/evaluation, planning, joint ventures and new ventures. Technology categories of specialization: 5, 7, 12, 15 and 17. Additional technology categories are acrylates/methacrylates, specialty chemicals/monomers/polymers, photopolymers, radiation (ultraviolet light/electron beam) curing and emulsion/water soluble polymers.

**Arthur Young Management Consultants  
Dr. Charles Fairley**

Clients are manufacturing companies in major industrial sectors seeking to develop new business by innovation and licensing both in and out. Special interests are biotechnology (27), health care (26), information technology (18), and food processing (1).

**Associated Valuation Technologies, Inc.  
Gordon V. Smith**

Associated Valuation Technologies, Inc., is a U.S. based consulting company specializing in the valuation of intellectual property and determination of royalty rates. A diverse base of clients are served ranging from individual inventors to Fortune 500 corporations. We provide our services for use in joint venture equity allocations, foreign tax matters, litigation support, gift tax purposes, license negotiations, and intracorporate transfers. Broad industry experience is possessed regarding patents, proprietary technology, software, trademarks, and copyrights.

**Baker & McKenzie  
Jennifer P. Wilson**

Baker & McKenzie has offices in major business centres in 27 countries. Lawyers in all offices are experienced in the protection and enforcement of intellectual property rights in advising on establishing corporate presences, joint ventures, license arrangements, franchises and other commercial operations. They are also equipped to provide full litigation support and advice on taxation, customs and other revenue laws. Baker & McKenzie typically represents corporations with existing trans national operations or an interest in developing them. Baker & McKenzie lawyers based in non-English speaking countries are, typically, proficient in English. Active in categories 18 (especially telecommunications), 16 (especially therapeutic substances), 27, and 1 (especially food for animals).

**Brevatome**  
**Claude Gelin**

Licensing, franchising, negotiations of joint ventures, infringement cases relating to patents, patent designs, trademarks, copyright. Existing from 1958. Twelve engineers; three lawyers. Principal areas: 1, 12, 14, 18, 19, 20, 21, 22, 24, 26 and 17 (telecommunications). Located in France.

**Brevatome**  
**Pierre Pottier**

Active in categories 18, 19, 20, 21, 22 and 23. Country of residence is France.

**BRI Business Research & Investment**  
**Rod Jasper**

BRI specializes in industrial market research and associated business feasibility analysis. BRI understands the business characteristics of new high technology firms in Australia and provides a consultancy service to assist such companies in their operations. This service especially provides international market research capabilities and appropriate advice with regard the transfer offshore of Australian technologies and products.

**Bruderer Management Consultants**  
**Werner Bruderer**

Type of clients: inventors, manufacturing and/or sales companies, marketing organizations and investors in the technology fields 1, 2, 7, 17, 19, 20, 21, 23, 24 and 26. Kind of services: intellectual property management, licensing in and out, license negotiations, diversification studies, project management for technology transfer and innovation projects, technical and commercial market studies, patents, designs and trademarks prosecution.

**Butler, The William, Company**  
**William A. Butler**

Licensing and tech transfer consultant. Assists organizations in tech transfer agreements - both licensing IN and OUT. Will conduct licensing search and market analysis internationally. Will evaluate prospective licensing partners or evaluate potential distribution channels and candidates. Member of MacMillan and Associates, Inc. Areas of interest: 2, 5, 7, 9, 13, 15, 19, 20 and 24.

**Carpio Villaraza & Cruz Law Offices**  
**Antonio T. Carpio**

Active in technical categories 1, 10, 15, 16, 17, 18, 19, 20, 24 and 27.

**Castillo, Laman, Tan & Pantaleon**  
**Noel A. Laman**

We specialize in licensing agreements for the pharmaceutical and food industry in the Philippines. A license agreement between a foreign company and a local company, which is normally a wholly owned subsidiary, is considered a "technology transfer arrangement" and subject to prior approval of the Philippine government. In this regard, we represent American, European and Japanese companies in their technology transfer arrangements in the Philippines. Typical examples of such clients are: Eli Lilly, Merk Inc., Rorer Group, Glaxo Group, Rhone Poulenc Nattermann Pharma, Boehringer Ingelheim, and Ajinomoto Co., Inc.

**Chamber of Industry and Commerce, Augsburg/  
Germany**  
**Wolfreim Winkler**

We are working especially for small and medium sized firms in the following fields: 1, 2, 3, 5, 7, 8, 9, 15, 17, 18, 19, 20, 21, 22, 23, 24 and 26.

**Chancery Trade Marks**  
**Sally Schupke**

Active in trademark and design registration and in company name searching.

**Chemists Group, The**  
**Dr. J.J. Leavitt**

An international resource for small and medium size companies seeking to acquire or market chemical technologies in the United States. Experienced in locating technology sources or users, assisting relative strengths, identifying best licensing candidates, negotiating license agreements, and assisting in technology transfer. Organic and inorganic, specialty and commodity chemicals.

**ChemSultants International, Inc.**  
**C.W. Stewart**

Technology categories 12, 14, 15 and 27. Specialize in implementation of technology transfer related to the development and commercialization of those fine and specialty chemicals bearing on applications found in the world-wide human health, electronics, photographic and reprographics industries offering support in managerial structuring, organization, strategic planning, procurement, legal and financial imperatives as may be required.

**Corbett, G.E., Associates**  
**G.E. Corbett**

Technology transfer consultancy for West Midland Region of U.K. (population ca. 5 million). Locating and licensing in suitable technology for manufacturing industry in all categories. Strong ties with academic research and development in the region particularly Birmingham University and R&D Institute.

**Crawford Hill Consultants**  
**Ian Hill**

We advise on licensing, technology transfer and similar forms of cooperation mainly in category no. 21. Our territorial specialisation is East Europe, Japan, Korea and China, although we are active in other areas also. Our clients are vehicle or vehicle component manufacturers. We are based in England.

**Creative Licensing International, Inc.**  
**Dr. Charles E. Berkoff**

Creative Licensing International, Inc., is a worldwide pharmaceutical product licensing organization with an extensive network of licensors and licensees in the U.S., Europe, the Middle and Far East. Experienced staff able to meet in- and out-licensing pharmaceutical product and technology needs. Specializes in ethical and over-the-counter skin products. Business interests include purchase and sale of pharmaceutical companies.

**CTC & Associates**  
**Charles Blaich**

CTC & Associates is located in the U.S. and deals with and for clients in Europe, Japan and U.S. Its clients are small to medium sized companies that need commercial development assistance with new products, new markets or expansion of their existing business bases. CTC's commercial development program can begin as early as the product concept and extend through to market introduction and includes licensing (in and out), patents, market research/market development, and product engineering/development. Active in categories 28 (consumer products such as toys, hand tools, specialty bird feeders and garden accessories, unique costume jewelry), 1 (especially institution and restaurant equipment), and 18 (especially systems for distribution and inventory control).

**Daedalian Technologies, Ltd.**  
**James E. Freidell**

Technology broker-dealers. International and US domestic. All technology categories. We assist innovative companies to indirectly posture and exploit their technological assets via technology transfer and joint venture vehicles. Companies needing technology to better compete in established markets with proven product lines are specifically targeted and approached

for clients. All aspects of strategy, marketing, negotiations, and license administration are handled. Technology salvage experts. We appraise underutilized technology assets and buy promising technologies outright.

**Dailey, J.P., Pharmaceutical Consultants**  
**Joseph P. Dailey, Ph.D.**

Pharmaceutical, biotechnology and medical device clients (14, 26 and 27). Out-licensing, in-licensing. Products and processes. U.S.A.

**Danish Technology Transfer**  
**Bjorn Westphal Eriksen**

Danish Technology Transfer's role is to bring together Danish and foreign companies involved in technology-based industries for their mutual benefit. This is achieved through the negotiations of license agreements, establishment of joint-venture companies and other collaborative arrangements. Danish Technology Transfer is backed by shareholders in four main categories: manufacturing industry, companies specialising in business finance, institutional investors and private individuals. Our main activities areas include electronics, fishing, polymers, agriculture, food, communication, construction, chemicals, automotive, services, software, machine industry. Special interest in categories 1 (snacks), 7 (acrylic sheets), 15 (repro-camera and image processing), 18 (machine vision), and 19 (CCD-camera and videotex).

**Defence Technology Enterprises Ltd.**  
**John Duckett**

Defence Technology Enterprises Ltd (DTE) was set up specifically to transfer technology and knowhow from the U.K. Ministry of Defence to industry. The company not only selects technology with commercial application but also supports the transfer process with facilities such as assistance with finance, development and facility support and marketing expertise such as research and business planning.

**Demeure, Joseph A.**  
**Joseph A. Demeure**

Consultant in licensing and in transfer of technology; assists in negotiating agreements. Considerable experience in Europe and in Latin American countries and familiarity with local requirements. Based in USA. Fluent in English, French and Spanish (speaking and writing). Also good knowledge of Portuguese and Italian.

**Center for the Development of Industry - ACP/CEE**  
**P. Keene**

We seek any technologies or industrial process relevant for developing countries; e.g., small capacities, low in-



and electronic equipment; mechanical machinery and equipment; instruments, devices, controls and systems; optical instruments and lenses; medical, surgical and dental instruments; furniture design and manufacturing. Type of clients we represent is related with the areas of technology described above. Most of them are residents of Venezuela.

**Empresarios Agrupados**  
**Antonio Caretti**

Technology category 22. Any type of engineering or consultant service related to the design, construction and operation of nuclear and fossil power plants and similar facilities. In general, consultant services for the electric utility industry. Located in Spain.

**Engimpex S.A.**

Highly specialized professional firm operating on a global basis providing top level management with technological, marketing, economic and financial information critical to decision-making process. The company offers strategic services principally to small/medium size industries having to redefine their production strategies, enlarge range of products or are looking for new markets e/o products/technology. It has developed sophisticated methodologies in practical approaches to help sharpen the focus in developing new products, introducing new technology, entering new markets, assisting to achieve competitive advantage or monopoly opportunities face to highly complicated and diversified competing global market expansion problems. Active in categories 1, 7, 11, 12, 18, 19, 20, 21, 26 and 28.

**EOLAS-The Irish Science and Technology Agency**  
**D. O'Doherty**

The Agency, founded in January 1988 through the merger of two experienced organizations, is the major provider of publicly funded technology transfer services in Ireland, as well as for private industry on a contractual basis. Activities include transfer both ways across the range of industry sectors/technologies, with particular emphasis on long-term partnerships. EOLAS is the major direct participant and intermediary on behalf of Irish industry in European Community research and innovation programs.

**Evans, Thomas P., Consultant**  
**Thomas P. Evans**

Consulting assistance to small and medium size companies, colleges and universities, and family-owned organizations which seek new product, patent, licensing and tech transfer help. All technology and technical categories. Management consultant on organization problems. Located in U.S.A.

**Evolut Enterprises Ltd.**  
**Anthony Etele**

Technology transfer consultant and broker in computers and software, electrical and electronic equipment, agricultural food, biotechnology and agrochemicals.

**Export Aid Pty Ltd.**  
**Richard Elliott**

We act on behalf of small to medium sized users who use us to find markets for their finished products but who depend on us for feedback of technology and distribution developments. We also specialize in joint venture arrangements suitable for European and American companies interested in the Southwest Pacific and a stable political environment for value added production and distribution to markets such as Japan and Southeast Asia. Our special interests are plant, horticulture, agriculture, food products and processing technology.

**Faltas, Dr. William M., Consultant**  
**Dr. William M. Faltas**

Type of clients represented and/or sought: inventors, small/medium enterprises offering new technology, manufacturers and investors seeking new technology, projects especially in developing countries. Interested in categories 1 (fruit, fish, animal feeds), 2 (non-wovens), 4 (wood composites) and 23 (metal recovery).

**FLA Consultants**  
**Francois Libmann**

Specializes in assisting companies in defining and implementing innovation and diversification policies in any technology fields; using any kind of databases to improve technology transfer; and designing and marketing of databases, in particular in the technology transfer field. Located in France.

**Fleming Thermodynamics Limited**  
**Dan Wright**

High speed rotating machines, screw compressors and expanders, superchargers, engines, thermodynamics, vehicle systems engineering and aesthetic design, prototyping, development, limited production, associated manufacturing technology. Clients sought: engineer and compressor manufacturers, machine tool manufacturers, refrigeration and energy-related companies, laser manufacturers; military high performance, production car, commercial and public service vehicle, truck manufacturers. Offering technology in categories 20 (compressors, expanders, engines), 21 (motor vehicles and aircraft compressors) and 22 (engines, expanders, compressors, and energy recovery).

**Horton, Corwin R.  
Corwin R. Horton**

Specializes in developing and implementing license strategies for diverse technologies with emphasis on manufacturing technologies and products in categories 3-5, 7, 14 and 15, marine technology (pleasure and commercial boats) and pharmaceuticals. Offering technology in categories 21 (especially high speed vessels), 18 (especially software for hospital nurse stations) and sports and pleasure boats.

**HSC Research Development Corporation  
Dr. J.A. (Sandy) Lowden or Ms. Barbara Lavers**

HSC Research Development Corporation (RDC), is a for-profit, private company, established by the Hospital for Sick Children in Toronto, Canada, to conduct applied research to meet needs of the healthcare market, to manufacture and sell products for the laboratory marketplace and to transfer new technology from the Hospital's extensive research facilities to industry. The company has developed a novel time-resolved fluorescent technology for immunodiagnosics and for labeling gene probes.

**Hunter Group, The, Inc.  
Steven R. Maimon**

The Hunter Group, Inc., is a global general trading company. Activities encompass import/export, countertrade, technology/product commercialization and transfer, turn-key project management, and foreign representation (in and out). Includes associated market research & development, currency exchange and repatriation, and management, technical and financial business and consulting services. Focus on consummables, and related hi/lo technologies, manufacturing processes and distribution programs. Headquarters in U.S.A.

**Imaging Applications Pty Ltd.  
Michael Petch**

Specialization is technology transfer collaborations: (1) in Australia; (2) into Australia; (3) out from Australia - optimizing local skills, factors and leverages. Australia has quality low cost researchers, commercialization facilities and government leverages in the form of off-sets multipliers, R&D fiscal concessions and export incentives. Australia is a welcome pacific rim country for technology licensing or sales of resultant goods and services to Asia. Prime suppliers to Australian government can meet off-sets obligations with local content by R&D/licensing.

**I.M.Y. Associates  
C. Thomas Cross**

Specialists serving business, universities and individuals as licensing consultants. Patent surveillance, technical and patent evaluation of third party

ideas/proposals, prior art searches, patent training seminars, representation at technology exhibitions and organizational assistance re university technology transfer operations. Location: U.S.A.

**Industrial Development Board (Northern Ireland)  
Dr. James H. McConnell**

The Industrial Development Board (IDB) for Northern Ireland, acting on behalf of indigenous industry, is seeking technology for existing companies. This "matchmaking" function is a free service to its clients and will be of prime advantage to overseas companies - particularly those in the U.S.A. - who wish to exploit opportunities for their technology in European markets. In its overall role of industrial development, the IDB can offer financial and other assistance to viable projects. We are currently seeking technology in categories 1, 15, 18 and 20.

**Innovi n.v.  
ir. H. VanHoof**

Innovi is a business opportunities development company providing creation of new companies, technology transfer and consultancy in the areas of medical products and instrumentation, advanced materials, software, and biotechnology and food processing. Innovi is located in Belgium.

**Intellectual Property Dynamics  
Richard Jenkins**

IPD utilizes modern information systems to collect and compile documentary evidence and accounting data, and helps our client's counsel identify infringements of U.S. patents covering all areas of technology. We also represent (or assist) counsel by expediting settlement negotiations and receipt of final payments.

**Intercon Research Associates, Ltd.  
John V. Donovan**

As professional consultants, Intercon offers services to solve complex diversification and market expansion problems. Services include: international new product search; technology marketing/licensee surveys; international market development; information research and analysis; and company acquisition searches. Assignments are totally customized to the specific requirements of each client. Current assignments are in the areas of chemicals, energy, optical and electronic, building products, medical products, among many others. Clients are located in the U.S., Europe, Asia, and Australia. Active in technical categories 11, 12, 13 and 14.

**Interlicon Ltd.  
J.T. Wenham**

Category 5 (especially flexible polyurethane foam). Based in U.K.; worldwide contacts including USSR and China.

**Jaffray, Ernst A.  
Ernst A. Jaffray**

Domestic and international licensing; commercialization of inventions; foreign international intellectual property rights; consultant to individuals and firms; consultant to Hilliard-Lyons Patent Management, Inc.

**Japan Machine Trading, Inc.  
S. Suzuki**

Areas of technology: 19, 20, 21, 24 and 27. Type of clients: same clients mentioned in above categories.

**Japan Research Development Corporation  
Associates  
Hisashi Harada**

Function to expand the use of new technology, importing from other countries for use in Japan, and exporting to other countries from Japan, upon its clients requests. Interested particularly in categories 14, 20, 23 and 24.

**John & Kernick  
N.B. Swart or C.K. Job or M. VonSeidel**

Consultants on contracts and currency exchange control relating to the licensing of intellectual property rights. Capable of handling all technologies with emphasis on categories 5, 6, 7, 9, 10, 11, 12, 13, 14, 18, 19, 20, 21, 22, 24 and 26. Specialists in major African countries, particularly Southern African region. Corporate or industrial clients, research organizations or institutes can be assisted.

**Karrasch, Kurt F., M.D.  
Kurt F. Karrasch, M.D.**

I am a medical doctor and licensing consultant with international contacts and interest in arranging licensing in and out in the fields of ethical drugs (pharmaceuticals), OTC and proprietary drugs, phyto-remedies and medical cosmetics. I can also arrange clinical trials and field studies and could provide scientific assistance in setting up cooperation agreements (J.V., etc.).

**Kemmetech Limited  
T.P. Burton**

As Employee Inventors Agency, we assist employed inventors obtain their compensation rights for patented inventions worked by their employer in accordance with provisions in that behalf contained in U.K. Patents Act 1977. Active in categories 7 (especially PVC foam and sheet made by coating process) and 26 (especially X-ray protection).

**KEW Associates, Inc.  
Edward P. White**

Areas of competence: licensing in and out, joint venture; corporate acquisition also new product and technology acquisition; contract negotiation; tech transfer; tech evaluation; mgt of industrial property rights; domestic and foreign market analysis. Categories of interest and familiarity: 4, 8-13, 15, 17, 20, 21, 24-28 (agriculture and agro equipment). U.S.A.

**Kirk, Hugh A.  
Hugh A. Kirk**

Licensing of patents, trademarks, copyrights and trade secrets for clients having these rights.

**Kirkpatrick (Office)  
J.F. Plucker**

Office in Brussels, Belgium. All services relating to the defense of intellectual property rights including drafting, filing, and prosecution of patents, trademarks, designs and license agreements.

**Kiser Research, Inc.  
Barney O'Meara or John Kiser**

Specializes in assisting companies in identifying, pursuing and acquiring technology developed in Eastern Europe and the Soviet Union. Emphasis in advanced materials. Principle office in U.S.A. Categories covered include 1, 5, 7, 8, 9, 11, 12, 14, 17, 23, 26, 27 and 28.

**Kockums Marine AB  
Lars G. Ortegren**

Specializes in transfer of technologies between Sweden and Australia. Most technology areas. Resides in Sweden and interacts with subsidiary in South Australia. Clients dominated by medium-sized industrial enterprises.

**Kodiga Consultants Pvt Ltd.  
D.C. Gami or R.C. Gami**

Our clients are large industries who are interested in setting up new projects in the field of petrochemicals, fertilizers, fine organic chemicals and drugs. We are retained as consultants to suggest the products as well as the technology and make conceptualisation studies which will provide sufficient techno-economic information for the company to take basic decision to go ahead with the implementation of the project with the recommended product and technology. At present we have clients who are interested in setting up projects for hydrogen peroxide, citric acid, acetylene from natural gas, cyanuric chloride, intermediates for basic drugs to be set up in India and phosphoric acid in the Middle East. Most of the projects would be set up in India or (by Indian companies) in third countries. We seek

Government Ministries, manufacturing companies, private inventors, universities, research & development companies. Offering service of licensing out worldwide products, processes, technologies, etc., having established licenses in over 40 countries. Searching for products to be made by client companies, in Canada, elsewhere, worldwide, including contracts from government ministries to search on behalf of companies (mfg) in their district. Lomar operates one-day seminars for various government agencies Provincial/Federal in Canada, and as well will provide a mini-licensing show for second day with product brochures, etc., for viewing that are available. Also provides speakers for participation in seminars on licensing subjects.

**Lorenz, Werner**  
**Werner Lorenz**

Patent attorney. Technology category: mechanics. Countries: Germany and Europe at the European and the German Patent Office.

**Longman Group UK Limited**  
**Colin P. Taylor**

Longman Group maintain a regularly updated database of 28,000 industrial, official and academic research laboratories active in agriculture, engineering, medicine and technology in over 130 countries. Data is published in book form and will be available online this year. We welcome inquiries from consultants, licensing executives and technical directors wishing to establish contacts in specific applied topics.

**Lusuardi, Dr., Ltd.**  
**Dr. W.G. Lusuardi**

Technical specialties: biotech, medical instruments/products, dental materials, orthopedics, implants, organic chemistry. Represents various multinational companies and universities seeking industrial property, licensing and tax advice. Program includes patent auditing, organization and coordination of industrial patent departments. Considerable experience in handling license negotiations and preparation of license agreements. Located in Switzerland.

**LW&CO, Inc.**  
**Lamar Washington**

Representing university technology and specializing in transfer of associated know-how and patent rights to manufacturers. Inquiries from universities seeking licensees and from companies searching for specialized technology will receive a prompt and courteous response. Location is U.S.A.

**MacKillop, Duncan A., & Associates**  
**Duncan A. MacKillop**

Technology: rubber & plastics, products, materials, processes, chemicals & applications, engineered products. Companies: health care & consumer, rubber & plastics converters, automotive, sporting goods, construction, polymer synthesis. Office in Canada.

**MacMillan & Associates, Inc.**  
**Jack MacMillan**

An international business development company that helps U.S. and overseas clients compete in the U.S. and overseas markets. Uses a six-step method including taking an inventory of client resources, targeting markets, selecting entry strategies, identifying/qualifying business opportunities, preparing/negotiating contracts and maintaining relationships. International programs covered include exporting, importing, licensing IN and OUT, joint ventures in home country and abroad and foreign mergers/acquisitions. Can also assist in implementing selected strategy.

**Major, Barrett, Intellectual Property Consultancy**  
**Julie D. Major**

Barrett Major Intellectual Property Consultancy specialise in the protection and exploitation of technology in the chemical, metallurgical and pharmaceutical industries (particularly technology categories 5-7, 9-14, 16, 17, 23 and 27). Our clients are multinational operators in these fields and, as Chartered Patent Agents and European Patent Attorneys, as well as licensing executives, we are generally consulted by clients on existing intellectual property, technology transfer and legal functions. We also offer freelance "overflow" services to these functions in the U.K.

**Mallesons Stephen Jaques**  
**Clive Hovell and Andre Sweidan**

Mallesons Stephen Jaques has its main office in Australia. We license for commercial organisations and tertiary institutions through the range of technology categories. We also handle intellectual property disputes and trade mark registrations.

**M&W Consultants**  
**Marcel E. Mussard**

M&W Consultants specializes in industrial innovation, market research, marketing, know-how transfer, joint ventures, set up of new production facilities, venture capital investments. Having experience in management of high-tech projects, particularly in such fields as micromechanical and electronic devices, sensors, instrumentation, control systems, microelectronics, data processing equipment, telecommunication, medical electronics, materials.

**More-Marketing Opportunities**  
**Felix Lehiani**

Categories 1, 15, 18, 22, 23, 27 and 28 (sports & leisure). From individual inventors to small/medium size business. Work performed is literally international -on the five continents.

**More Phillips Hull & Duncan, P.C.**  
**J.B. Duncan or Maurice E. Silverstein**

Categories 14, 26 and 27 (primarily pharmaceutical industry). Represent clients in Europe with technology to license or sell to U.S. companies.

**Takao Mukoh**  
**Takao Mukoh**

Consultation in categories 1, 5, 13, 14, 19, 20, 21, 24 and 27. Located in Japan.

**Murray Associates, Inc.**  
**Charles Murray**

Founded in 1970. Specialized in new product technology marketing, searches ("sourcing"), license and joint venture negotiations, market investigations. Instrumental in bringing together companies respectively possessing and seeking new product technology. Evaluate, process and market inventions protected by patent or know-how. Overseas licensing or search missions in conjunction with reliable associated offices throughout the industrialized world. Interested in licensing in and out of sophisticated technology in all categories. Heavy experience in 1,7, 9, 13, 14, 20, 21, 23, 24 and 27.

**National Engineering Laboratory**  
**M. Daniel**

Consultancy advice offered in flow measurements and turbomachinery, fluids, heat transfer, structural testing and analysis, internal combustion engines, materials engineering, alternative energy, integrated engineering and design, reliability engineering, advanced manufacturing technology. Offering technology in categories 18 (especially software), 27 (bioreactor design), 22 (wind energy), and in mechanical engineering R&D.

**D.J. Neil Limited**  
**David Neil**

Consultants specialising in business development and the exploitation of intellectual property through inward and outward licensing, joint ventures and acquisitions. Formulation of marketing strategy. Market research. Quests, financial assessment of partners. Valuation of licenses. Financial appraisal of projects. Business plans. Negotiation. Post license/acquisition management and monitoring. Clients in energy, heavy fabrication, process engineering, instrumentation, mechanical

engineering, diagnostic equipment, pharmaceuticals, enzymes, food, paper, rubber, plastics, ceramics. All categories of interest.

**New Product Initiatives Ltd.**  
**Dr. D.O. Conchuir**

Specialists in licenses and patents which are incorporated in products which have identified markets in new countries or need design modifications to meet target market requirements; e.g., products originating in the USA which must meet European technical standards, particularly those of Germany, France and UK. Technology areas: electrical and electronic equipment; computers, data transmission and software; machinery and equipment; instruments, devices, controls and systems. Principal office in Ireland; associates in Germany, France, UK.

**New York State, Department of Economic Development**  
**Marvin L. Schechter**

Work with foreign companies to arrange joint ventures, etc., in New York state.

**Noone Associates**  
**Thomas M. Noone**

International business development consultants providing services in: scouting for new technology; market research; evaluation of technology/business opportunities; strategic planning and implementation; technology transfer to or from U.K., U.S.A., Europe, Japan; new ventures; venture capital presentation; competitive analysis; profit improvement programs; special interest in categories 1-5, 7, 12-17, 26 and 27.

**Novespace**  
**Dr. J.P. Hochart**

The company specializes in the transfers of aerospace technologies towards non-aerospace industries. Its most frequent fields of activity are materials, mechanics, electronics, test and control, medical, computer science. The technology owners are large and average-sized aerospace companies in France and Europe; the buyers are generally average and small companies. Main office in France.

**Octrooibureau Arnold & Siedsma**  
**Olga Kuijpers**

Consultants intellectual and industrial property (i.e., patents, trademarks, designs). Principal office: The Netherlands.

marketing. Arrangements are flexible as to consulting assignments including occasional entrepreneurial equity situations executing commercial/business developments of new technology.

**PDM International Ltd.**  
**G. Michael Howell**

Categories 6, 11, 12 and 22. PDMI is an engineering-fabrication-erection company of steel plate structures for storage of oil, water, gas, low temperature and cryogenic fluids, nuclear containment vessels, and high vacuum systems for space simulation testing. Types of clients we work with are firms in other countries with fabrication and erection capability that we can support with engineering technology, know how and on site supervision.

**PharmaSci International, Inc.**  
**Eldon D. Nielson**

We specialize in the licensing of pharmaceutical and genetic engineering products and processes, and seek to represent U.S. and foreign companies which desire to license in or out. We also provide independent evaluations of the scientific and commercial potentials of licensing products in these fields. Following an initial, no-cost discussion to determine if a client's needs and our capabilities coincide, we provide services on the basis of a retainer fee, per diem and reasonable expenses.

**Keith Phillips & Associates**  
**Dr. Keith C. Phillips**

Based in the U.K., Keith Phillips & Associates seeks licensees and licensors in food products and processing and biotechnology especially related to sweeteners, low calorie products, bulking and thickening agents including water-soluble polymers.

**William F. Pinsak & Associates**  
**William F. Pinsak**

Assistance in the evaluations of technical portfolios, optimum methods of exploitation and suitability of licensee/licensor/partner. Have designed corporate structures and established operations throughout the world, from licensing through the construction and operation of manufacturing facilities. Over twenty years experience in the movement of goods and materials through international commerce, including matters of taxation, customs and duty. Have handled mergers and acquisitions and have created ventures on every continent. Emphasis on Pacific Basin. Technology categories 15 and 18-26.

**Roland Plottel**  
**Roland Plottel**

Interested in categories 14 and 26 and offering technology in category 19 (I.C.s, components, and methods of manufacture). Located in U.S.

**Professor Charles U. Pittman, Jr.**  
**Professor Charles U. Pittman, Jr.**

I seek opportunities in custom synthetic production of intermediates for the drug, agricultural, plastic and industrial organic chemical industries. Companies with improved processes or with specific chemical needs are of interest. Companies with improved process technologies which have chosen not to make such chemicals may want to market or license those technologies. I seek technology in categories 12 (custom synthesis/processing), 13, 5 and 23 (especially wastewater treatment to remove nitrated phenolics).

**Polyresearch Service B.V.**  
**W. van der Voorde**

Patent searches of all categories on behalf of industrial patent departments (corporate patent counsels), independent patent attorneys and patent law offices; indirect innovation counselling by permanent patent watch; i.e., monitoring of new patent documents in all fields of technology published in the more important industrial countries and selective dissemination of the information retrieved in this way.

**Polyvalent Patent Services Ltd.**  
**A.J. Frauenknecht**

P.P.S. is specialized in invention management and diversification, including patents, trade marks and licensing. Clients in: chemistry and biotechnology (university and manufacturer), computer hard- and software (R&D and distributors), mechanical machinery and equipment (manufacturer), laser and plasma arc technology for cutting and welding (R&D and manufacturer) gate-array design and manufacturing by laser for inhouse design and processing (institutes and licensor). Tech transfer, both IN and OUT in categories 1, 3 and 18-27.

**Law Offices of Dr. Slobodan A. Popovic and  
Branimir A. Popovic**  
**Dr. Slobodan A. Popovic**

Licensing IN and OUT and tech transfer consultant. Drafting and negotiating of all tech transfer agreements including J/V, agency and franchising agreements. Specialized fields include categories 1, 2, 4, 5, 9, 11-14, 16, 18-21, 24 and 27. I represent clients mostly from the U.S., United Kingdom, Germany, Switzerland, France and Japan (big and medium-sized companies). My office is located in Yugoslavia.

half billion dollars in attributable annual product sales, and has sued in excess of 1000 companies unlawfully benefitting from its patent and trade secret rights. Interested in categories 15, 17-19, 24 and 25. Also seeking technology in categories 14, 16, 20, 26 and 27.

**Remcat Consult AB**  
**Rune Eliasson**

Remcat Consult AB seeks products for licensing/distribution in the pharmaceutical, medical instrumentation and immuno-biotechnology fields. Through its extensive and well organized network of contacts in the domestic and international health care area, Remcat Consult AB offers its expertise in finding licensees for its prospective clients in both the Nordic countries and in most of the industrialized countries throughout the world. Country of residence: Sweden. Active in technical categories 14, 26 and 27.

**Rockwood Development Corporation**  
**Donald A. Moore**

We represent German, Swiss, and Austrian companies who wish to license their technology to U.S. and Canadian companies and also U.S. companies wanting to license there. We also arrange for sales representation, find J/V partners, or help set up operations in the U.S. We have good contacts in environmental protection, medical devices, plastics and other material processing, and printing and graphic arts fields. Categories 1, 5, 7, 11, 12, 15 and 17-27.

**ScienceBiz**  
**Drs. L.A. van der Lugt**

Areas of technology: 1 (food products and processing), 13 (agricultural chemicals - fertilizers and pesticides), 23 (pollution control - gas, liquid and solid), 27 (biotechnology) and 28 (plants, horticulture). We represent and seek clients that are interested in technology transfer to or from the Netherlands. Our principal office is located in The Netherlands.

**Ronald Scott Associates**  
**Ronald Scott**

Technology transfer consultant and broker for small and medium-sized U.S. companies. Specialize in accessing world markets for their products through licensing, joint venturing and the use of direct exporting. Also offering assistances to overseas clients seeking U.S. licensing and joint venture opportunities.

**Terry Seawright Associates Limited**  
**Terry Seawright**

Categories 20, 22 and 23. Ontario-based consultant seeks potential licensors of energy-related products for its Canadian clients in the manufacturing and sales agency fields. Technology for environmental products,

as well as heavy engineered products of all kinds, is also sought for the same Canadian clients.

**F. Keith Sellar**  
**F. Keith Sellar**

Specializes in technology transfer from the higher education sector in the European community, and the establishment of joint ventures arising therefrom.

**Shackson Associates, Inc.**  
**Richard H. Shackson**

Represents universities and other owners of technologies. Assists in licensing, startups and joint ventures. Also conducts technology search services on behalf of companies seeking technologies. Primary expertise in categories 18-26. Represented in U.S. and Europe.

**Shipp-Johnson, Inc.**  
**Harris L. Johnson**

Mission is to commercialize all types of process and product innovations beyond the perceived natural geographical and financial boundaries limiting the owner who allocates scarce resources for other purposes. Technology sales, licensing, joint venture or combinations molded to fit the needs of the client. Based in U.S., focus on on-site business operations with active international associates to minimize response time and streamline the procedure. Non-U.S. technology sources sought. Active in technology categories 2-4, 8, 9, 11, 15, 17, 19, 20, 22 and 24.

**Singhanian Consultants Pvt. Ltd.**  
**M.C. Narasimhan**

We specialise in technology transfer consultancy services, in particular, foreign collaborations, represent business interests of foreign companies in India and look after the interests of nonresident Indians. We form new companies on behalf of clients and manage them till start of commercial operations. We provide assistance in submission of applications, getting approvals, licenses, etc., from Governmental authorities and financial institutions. We specialise in the following areas: 1, 9, 20, 23, 26 and 27.

**Skandinavisk Press AB**  
**Lennart Ellberg**

Active in categories 15 and 26. Seeking technology in category 14. Located in Sweden.



new products/technology. Also commercialisation of innovation by finding partners, finance, etc. Offices in U.K., France, U.S.A., and Japan.

### **Studio Legale Gatti**

Active in technical categories 1, 2, 3, 10, 16 and 26.

### **Charles N. Sturtevant III Charles N. Sturtevant III**

Principal office: U.S.A. Areas: fiber optics, ceramics, energy. Countries: Orient, People's Republic of China, Japan and South America.

### **Sulligoi and Associates Livio Sulligoi**

Areas of technology: biotechnology generally especially medical, food and agricultural diagnostics and therapy. Particular interests in DNA probe methods. Clients include venture capitalists, institutional investors, stockbrokers, merchant bankers, private investors, research companies, research institutions, individual researchers. Principal office: Australia.

### **Ronald Sumner Ronald Sumner**

Offering technology in categories 20 (especially construction using metals/plastics), 21, 15 (packaging), and 19 (especially household appliances).

### **Superconductor Research, Inc. Donald F. Howard**

Specializing in the superconductivity field using the new ceramic high temperature superconductors operating at temperatures of 95°K and above. Conducts experimental R&D, process development, market research, technology transfer and licensing services for many commercial applications. These include electrical power generation and storage, data transmission, transportation (including levitated vehicles), medical devices, and process industries requiring a high magnetic field. Assists industry to determine how superconductors can be applied to their particular production processes. Offering technology in categories: 19 (new superconductors for power transmission, storage, switching), 22 (electrical power generation, transmission, storage, switching), 11 (process-production of superconductor wire or fiber), 21 (superconductor levitation & propulsion, railroad, vehicles, space), 18 (superconductor interconnects for data transmission), and 26 (new superconductor medical devices, nonimaging applications).

### **Svenska Kemi-Institutet AB Bengt Haner**

Consultancy service to companies and individuals. Drafting and expert interpretation of license and trade agreements. Market research establishing possibilities for know how transfer, joint ventures, etc. Specializes in the integration of financial, legal and economic aspects on technology transfer. Technology categories of particular interest: 5, 6, 11, 12, 14, 20, 22 and 27. Country of residence: Sweden.

### **Swabey, Mitchell, Houle, Marcoux & Sher Guy Houle**

Represents inventors, university research centers, and small to medium sized corporations primarily in the mechanical and electrical/electronics field particularly interested in licensing out and considering joint ventures.

### **Synergic-ISIS and Company Richard A. Siegel**

Provides investigative and developmental strategic business services including identification of technology transfer opportunities (in and out licensing in all technology categories); joint venture and acquisition candidates; international strategic alliances; and the creation and/or substantiation of new product, market and business directions. U.S., Far East, Scandinavian and European affiliations and clientele.

### **SynTec Technologietransfer GmbH Dr. Hans-Friedrich Czekay**

Specializing in worldwide technology transfer for measurement and automation industry (categories 19, 23 and 24). Offering advertising space free of charge in the SynTec Newsletter for businesses or institutions which are interested in issuing or acquiring licenses. Office in West Germany.

### **Max Taeschler, M.D. Max Taeschler, M.D.**

Pharmaceutical consultant. Advise medium and large pharmaceutical companies and those companies which want to enter healthcare business including biotechnology.

### **Techne Associates Dr. Roy H.W. Johnston**

We have been active since 1970 in servicing the process of transformation of university-based research into innovative enterprise development in the context of a relatively undeveloped economic environment (Ireland). We also provide a window for existing small firms into university-based R&D, and service state and regional agencies seeking to enhance this process.



technology transfer. Publisher of the manual, "Finding and Licensing New Products & Technology from the U.S.A."

**Technology Transfer Consultants**  
**Edward M. Nussbaum**

Consultant specializes in aiding commercialization of technology by identifying barriers to effective transfer thru stages of research, development and demonstration, and recommending methods to overcome them. Analyses of ultimate technology utilization are made at various stages of development to enhance total value of commercialization and potential license income. Consultant has broad background in petrochemical development, energy management, including alternate fuels, and technology marketing venture startup. Global clients are served from an office in the U.S. Active in categories 12 (especially petrochemicals) and 22 (especially synthetic fuels and cogeneration).

**Technology Transfer Initiatives**  
**Lee W. Rivers**

Technology Transfer Initiatives (TTI) specializes in bringing about effective interactions between federal laboratories, universities and industry involving technology licensing, spin-offs, start-ups, and cooperative research programs. TTI represents private companies, universities and federal laboratories actively pursuing technology transfer and commercialization. Location: U.S.

**Trans-Atlantic Technologies, Inc.**  
**Adrian Horne**

Trans-Atlantic Technologies, Inc. is resident in Connecticut, U.S.A. Clients are technology based companies seeking relationships with larger companies by license or joint venture agreement, or by way of a strategic partnership; alternatively, large companies may be seeking a "window on technology" relationship with a smaller company, or an acquisition in a specific market or area of technology. Typical areas of technical interest to clients include electro-chemistry (batteries, electrolysis, detection and removal of toxic metal ions from effluents, "breathable" coatings for textiles, desalination/irrigation); electronics (data-communication networks, optical data storage, extended range FM broadcasting, spread-spectrum FM technology, high component density PCB manufacture); fire prevention and control; speech recognition; improved comfort textile fibers.

**Transglobe Ltd.**  
**G.N. Kaegi**

We act as licensing consultants to Switzerland's largest potato chips and snacks manufacturer. We can offer trademark and know-how licenses to all countries except Germany, U.K., Ireland, Nigeria, Indonesia and Canada. Also active in categories 20 (fans and ventila-

tion, ionizers) and 28 (toys, especially plastic toys). Located in Switzerland.

**Transmission Systems Ltd.**  
**Derek J.C. Bernard**

We develop and patent innovative products and technologies in joint ventures with the inventor(s) and then seek to license them to the most appropriate companies around the world. We are always interested to hear from companies seeking new products in categories 7, 15, 19, 20 and 21 and in sports equipment and DIY.

**Transtech Consultoria E Representacao Ltda**  
**Jean-Luc Treff**

Acting either as a consultant or a trade representative, Transtech imports technologies into Brazil which includes: project design, identification of local partners (buyers, manufacturers, financier), negotiation with administrative authorities (especially the National Institute for Industrial Property) and legal aspects thereto. Transtech main sector's activities are telecommunication and informatics applications; in satellite (image processing); commercial, banking and office automation; medical equipment (image processing); private and public telephony; but the company is also acting in various other sectors.

**Trans Tech Services USA**  
**William B. Miller**

Offers professional international marketing business services specifically for small and medium-sized U.S. manufacturing firms seeking to establish new positions or expand existing positions abroad. Stresses licensing and joint ventures as "aggressive alternatives" to direct exports. Offers "technology opportunity search" service for overseas clients seeking U.S. associates for licensing or J/V arrangements.

**Norman Trotter Consultants**  
**Norman Trotter**

Consultancy providing specialist resources and services, to enable companies to exploit opportunities for business development and growth thru licensing and technology transfer both In and Out. All industrial technologies of interest but particularly categories 9, 10, 18-22 and 24.

**University City Science Center**  
**Mark Herrmann**

The Science Center manages the development of new technologies in its own account and for others. Our clients include universities, hospitals and corporate laboratories. Our licensing and development activity covers a broad spectrum of technologies. Active in categories 19, 24, 26 and 27

**University Technology Corporation**  
**C.B. Wootten or Jacob W. Maczuga**

Serve as exclusive licensing arm to universities and other research laboratories. Presently serve Georgia Tech, University of Maryland, University of Connecticut, Kansas State University and University of Iowa.

**University Technology Incorporated**  
**William R. Carlson**

Offering technology in categories 14, 26, 27 and 28.

**J. van der Heijde**  
**J. van der Heijde**

My license interest is "Both" in all categories. As an independent legal advisor I assist all types of industries and inventors in purchasing, selling and licensing technology.

**J. Vann and Associates**  
**John Vander-Velde**

Wishing to collaborate with overseas companies in the area of Australia. Licensing ventures on a consultancy basis, offering market assessments, and business planning with technical assessments. Categories 19 and 26 (electronics, lasers, medical electronics, robotics, communications).

**Venqest**  
**Michael Jones**

We act as an interface between the venture capital market and new technology. Areas of expertise include marketing strategy formulation, business plan development, inward and outward technology transfer and specialising in searching internationally for technology based business opportunities to evaluate prior to introducing to the market. Client companies can provide finance for additional research and development or to facilitate joint ventures and licensing activities in all categories. Office in Australia.

**Venturecorp Investments Ltd.**  
**Owen McShane**

Venturecorp is a venture capital company which specialises in technology based investments in the Pacific Rim. Most clients are interested in licensing or joint venturing. Technologies include lazer printing and image processing, rotary gas compression, precision location, avionics, composite filament winding, environmental monitoring control systems, animal identification, software generation and others.

**Venture Insights Group**  
**Dr. B.I. Woody Friedlander**

Principal in Venture Insights Group and Director, Institute of Technology Transfer and Licensing Studies, University of Bridgeport. Develops and executes strategies for licensing and negotiating for domestic and foreign clients. Undertakes licensing project assignments and in-house licensing training programmes. Broad experience in all areas of technology transfer for start ups, small and large companies. Special focus on technology transfer, strategic and business planning services for start up and emerging businesses.

**Wardell Associates**  
**Joe R. Wardell, Jr., Ph.D.**

Specialize in the technical evaluation, inlicensing and outlicensing of human pharmaceuticals and related technology. Present clients are U.S. pharmaceutical companies (working on both inlicensing and outlicensing activities). We seek academic clients where our service can be of value in their efforts to transfer technology to the pharmaceutical industry. Our background and experience can also be of value to European and Japanese pharmaceutical companies who wish to interact with American companies. Country of residence is U.S.

**E.B. Winn & Cie**  
**E.B. Winn**

Chemical industry. Based in Switzerland, serving clients throughout Europe. Principal activity: venture services.

**Joanna A. Zaremba**  
**Joanna A. Zaremba**

International transfer of technology, specializing in European countries. U.S.A. resident. Clients medium and small size companies, inventors.

**ZfU - Zentrum fur Unternehmungsfuhrung**  
**Dr. Fritz Haselbeck**

ZfU specializes in public seminars and conferences particularly for corporate strategy, marketing/advertising, man management, personnel, organization, computer technology, licensing, business law, banking/finance, personal development, professional selling, procurement/production and logistics, foreign language training and secretarial skills. These seminars are conducted by independent experts from universities and businesses. Parallel to the public seminars ZfU prepares complete training concepts and runs tailored in-house programs.

Prioroty areas are: instrumentation, quality and process monitoring and control, biotechnology, relational databases, expert systems.

**Techni Research Associates, Inc.**  
**Dr. Louis F. Schiffman**

Technology brokers licensing In and Out, joint ventures and acquisitions in all technical areas of interest with particular focus on chemical, chemical specialties and allied process industries including coatings, adhesives, food, pulp and paper, pharmaceuticals, medical, health care products, etc. Publishers of bimonthly periodical WORLD TECHNOLOGY/Patent Licensing Gazette (since 1968).

**Technocommercial Associates**  
**William M. Watkins**

Specializing in technology transfer services to small businesses and individuals. Assist clients with preparation of technology product marketing plans. Represents clients on technology search and evaluation programs. Categories 3, 5, 6, 7, 11, 12 and 13. Extensive domestic and international contacts in technology transfer area, as well as background in counseling small businesses. (U.S.A.)

**Technoconsult**  
**H.J. Sluiter**

Technoconsult is an independent technology management consultancy organization. Our main activities are innovation, technology transfer (including licensing) and technology auditing. Our clients are small and medium sized firms. Active in metals, electronics and laser optics.

**Technology Catalysts, Inc.**  
**Richard DiCicco**

Technology Catalysts uses its global offices to scout for technology on a consulting fee basis and does not charge brokerage fees. We specialize in sourcing advanced materials, chemicals, new chemical entities, drug delivery systems, ceramics, engineering plastics, polymer blends and liquid crystal polymers. We sponsor an annual fair for small and large firms every year since 1982 in May in Washington, DC. We sell multi-client reports on technologies and licensing opportunities in Japan, the U.S., and European countries. We have videotapes demonstrating technology available for license from small firms in the U.S., Europe and Japan, and these tapes are for sale. Our full-time staff is of the highest scientific academic rank, with extensive experience from the chemical and pharmaceutical industry.

**Technology International Exchange, Inc.**  
**A.T. Brix and James Rehrmann**

Technology International Exchange (TIE) is a ten-year old, U.S.-based company, which provides technology-centered business development services through a network in the U.S., Japan and Europe. Services include brokerage of technologies through licensing, marketing and joint venture opportunities. TIE also does technoeconomic and market studies. In addition to these services undertaken on a fee basis, TIE provides a range of constructive interactions with startup companies in return for an equity position.

**Technology Management**  
**Kieran A. Comerford**

Represents clients mainly in Ireland. Interested in licensing out in categories 4, 7, 18-21 and 26; and licensing in in categories 13, 14 and 18-21. Kieran Comerford headed the inventions and licensing functions at the Institute for Industrial Research and Standards in Dublin for ten years before commencing his own practice. He has a number of industrial clients in the above categories interested in licensing in and out.

**Technology Managmeent Consultancy**  
**S.A. Heijn**

Technology Management Consultancy, a continuation of Helicon Technology Marketing B.V. is a specialized office for technology offers and sourcing. It is now for the second consecutive year a partner in the EEC Strategic Program for Information and Technology Transfer SPRINT and though assignments are accepted in any category, we serve mainly clients in categories 1, 7, 12, 14, 17, 20 and 26, with special emphasis on hi-tech coatings, ceramics and graphites for epitaxial processes.

**Technology International Exchange U.K.**  
**Martin Jones**

Technology areas: electronics/opto-electronics, advanced manufacturing technology, specialty chemicals, advanced materials, biotechnology/food processes/agriculture. Clients: corporate, medium and small businesses. Principal office: U.S.

**Technology Search International, Inc.**  
**John W. Morehead**

International licensing and technology transfer consultants. Services include "total technology search" and "targeted technology marketing." Assists manufacturers in establishing or refining new product and technology search capabilities through special in-house seminars. Conducts specialized executive searches to locate skilled new product and technology search personnel. Develops customized programs for governments and international agencies to promote economic and industrial development through

**Sky Med Tec Ltd.**  
**Dr. J.J. Turner**

Offering technology in medical equipment and diagnostics. Special interest in aging and the elderly. Located in the U.K.

**Dr. Bruce M. Smackey**  
**Dr. Bruce M. Smackey**

Intellectual property management consultant assisting universities, federal laboratories and industrial firms. Develop organization's technology transfer infrastructure and market directly to prospective licensees.

**John Sommer and Associates**  
**John Sommer**

John Sommer & Associates are industrial technology business development consultants providing integrated services to many of Australia's largest corporations as well as smaller more entrepreneurial companies. Its specialist consultants are experienced in a wide variety of industry sectors including categories 1, 5, 7, 10-12, 17, 19-21, 24 and 27. Activities undertaken include technology transfer studies, process investigations, performance audits, market research and intelligence, marketing and market strategy development, company acquisition and divestment. The consultancy is linked with major practices around the world. The clients we seek are those requiring advise or assistance in either buying or selling technology to and from Australia.

**A.A. Spencer**  
**A.A. Spencer**

Specialize in arranging licenses in/out between healthcare companies without appropriate resource or contact. Operate on long-term noncompetitive assignment and defined project basis working closely with client organisation. U.K. office; French, German, Italian spoken. Currently active in categories 14 (human) and 26 (medical/surgical), and in 27 (leading to 14 and 26).

**John Spreadborough & Co. Ltd.**  
**Dr. John Spreadborough**

A group of over 100 technology-based consultants covering all categories of technology. Licensing IN (mainly for British companies) and licensing OUT (worldwide) represent a major part of our innovation management activities. Operations and representatives in Europe, U.S., and Japan. Negotiations and market studies conducted in French, German, Italian, Polish, Hungarian and Japanese.

**SPT Technologies**  
**Julian Lowe**

Seek innovative industrial products (engineering, new materials, chemicals, electronics, instrumentation, building/civil engineering products) for license to manufacture or distribute in Australia and New Zealand. Clients are medium sized technology based Australian companies seeking diversification. Current clients are in engineering, pipeline manufacture, lubricants, industrial gases, building products.

**Stephenson et Cie, SA**  
**Dorothy Stephenson**

Stephenson & Cie, SA, provides a complete range of services culminating in a license or joint venture. We will do a target market study, evaluate and select potential licensees, contact licensees at the most senior management level, negotiate the deal, and recommend providers of services such as attorneys and accountants. Typically, the technology is being transferred from a small R&D company to a multinational corporation or between an operating company in Europe and a company in the U.S. or vice versa in all technology areas except software.

**Strachans**  
**Anthony K. Evered**

Strachans is a multi-discipline professional corporation consisting of accountants, bankers, professional trustees and lawyers. As international tax and financial consultants, Strachans provides a full range of traditional offshore services including trust and company formation and administration around the globe. Specialist services are also provided to the entertainments industry. Strachans establish and administer international franchising and licensing arrangements for clients including royalty collecting structures.

**Strategic Business Development Services/  
International**  
**Dick Marsh**

Offers services in business development and strategy formation and implementation for a wide variety of national and international operations. These services involve the creation and/or introduction of new products, as well as licensing and acquisitions. Conferences: Overseas Corporate Development. Computer and Special Services: has developed "Market Probe," an industrial/consumer/customer research technique integrated into group expertise. Active in specialty chemicals for pharmaceuticals, hard rock boring equipment and I.S.D.N., satellite/telecommunications.

**Strategic Management of Innovation Limited**  
**Timothy Wood**

Specialises in international business development by finding partners for export development or to bring in

**Price Waterhouse  
Chris Gollas**

International consultancy provided in relation to cross border technology transfer, in particular cross border tax implications and planning. Clients include major multi-nationals in manufacturing, banking and finance, computer hardware and software and retailers.

**Proactive Management Group  
Charles E. Caldwell**

Categories 18 (computers, data transmission, communications, software), 19 (electrical and electronic equipment), 20 (mechanical machinery and equipment) and 24 (instruments, devices, controls and systems). Main specialty: information processing industry.

**PROGET SA  
Edmond Vogel**

Categories 3-5, 7-9, 12, 13, 17 and 19-24. Scope of activities: commercialize patented technologies or know-how (sell, purchase, license); create collaborative relationships between industrial organizations in the same or complementary fields of technology (joint ventures); assist in acquisition and sale of companies with a good potential of technologies; and arrange the financing for the exploitation of new technologies. Resources: engineers and patent attorneys, members of LES; international network of partners affiliated with international organizations of the exchange of technology; long standing relationships with financial institutions and trading organizations; and direct information access through numerous data banks and other sources.

**Project Commercialization Group, Inc.  
Hugh R. James**

Arrange and manage technology transfer involving chemical manufacturing and utilization, energy processes, and manufacturing technology for clients in Europe, North America, Japan, and Korea. Work involves identifying and acquiring technologies, negotiating licensing agreements, establishing joint ventures, and arranging financing. Active in categories 13 and 28 (especially granulation and prilling technologies).

**Protean Enterprises International Ltd.  
David J. Cooper**

Technology profile: medical device, pharmaceutical, biotechnology, and life science technologies (technology categories 14, 24, 26 and 27. General business development services. Client profile: international healthcare companies, medical device manufacturers, biotechnology companies, pharmaceutical manufacturers, product development agencies, corporate business development and strategic planners.

Principle's head office based in U.K. for European coverage.

**Radway & Associates  
Robert Radway**

We specialize in categories 13, 18 and 27 (human, plant and animal products - diagnostic & therapeutic). Country of residence/principal office - U.S. We represent U.S. biotechnology companies, including one with cancer products and one with kidney and gallstone treatment. Also represent suppliers/developers of technology from northern Europe (specifically Finland, Sweden and Holland) with various technologies to explore commercialization in North America.

**Rain Hill Group, Inc.  
Nancy E. Haar**

U.S.A.-based Rain Hill Group identifies relevant technology and/or market-based opportunities for large multinational corporations which will augment their diversification and growth strategies. Over 50,000 business situations are reviewed annually for strategic fit with the interests of its client base. Types of situations include licensing, joint venture, marketing/distribution, minority equity investment and acquisition opportunities in over 60 technology/business areas. Rain Hill accepts no fees or commissions for transactions that may result from contact with its clients.

**H.J. Rantzen and Company  
H.J. Rantzen**

Outward licensing of steplessly variable gearbox technology; outward licensing of deep-sea fish-attracting technology (pelagic, nonshoaling fish; e.g., tuna); outward and inward licensing of heat exchanger technology, especially air conditioning and refrigeration equipment. Based in Australia.

**Rawling and Company  
Peter Rawling**

Areas of technology: categories 4, 10, 12, 18, 23 and 28 (electro-dewatering technology). Generally acting as solicitors and brokers for the establishment of technology companies including arranging joint ventures and financing.

**Refac Technology Development Corporation  
Phillip Sperber**

Established in 1952, Refac's principal business is international technology transfer and patent enforcement in all categories. Refac acquires either ownership or the exclusive right, for a limited time, to successfully license, as a principal, on a contingency basis at no charge to the client. Refac has negotiated more than 500 licenses spanning thirty countries, representing a

**Offset Options**  
**William Henty**

Specialising in consulting in relation to co-operative research projects, development projects, technology transfer and distribution out of Australia of technologically orientated products to enhance business opportunity and satisfy Australian government policy guidelines on offsets.

**T. Ohe & Associates, Inc.**  
**Dr. Takero Ohe**

Specializes in finding business opportunities for Japanese companies and in assisting business development for high technology based non-Japanese companies in Japan: electronics, semiconductors, instrumentation, communication, and computers.

**John Orchard & Company**  
**John Orchard**

Specializes in technology transfer of electronics and telecommunication systems; also advises clients in categories 18, 19, 20, 21, 22, 24, 26 and 26. Based in London.

**O'Shea & Associates**  
**Anne O'Shea**

Specialty areas: drugs and biotechnology. Clients: pharmaceutical and biotechnology industries. Country: Australia. Summary: extensive experience in the Australian pharmaceutical industry in the areas of regulatory affairs, clinical trials and most recently international licensing opportunities forms the basis of a consultancy service specializing in the link between the scientific and commercial aspects of new product development. Management of Australian projects for overseas clients is also offered.

**Oy Mec-Rastder AB**  
**Pentti Soderlin**

Categories 1, 4, 13, 20, 21, 23 and 27.

**Oy Symbion AB**  
**Fredrik Eklof**

Areas of interest include 1, 4, 14, 19 and 27. Technology transfers in and out of Scandinavia, Helsinki, Finland.

**Fritzsche Pambianchi & Associates**  
**N. Coleman Owen**

This international healthcare consulting firm has offices in the U.S.A. Clients are primarily operating companies (rather than hospitals/HMO's) and investment banks and V/C firms. Typical assignments: strategic business planning; strategic marketing studies;

business development projects frequently including technology licensing and "transaction" assignments; i.e., to acquire (or place) products or technology for the client. The firm also undertakes "due diligence" assignments relevant to a client's healthcare portfolio, and publishes "The Medical Business Journal," a twice monthly journal focusing on news and events of potential strategic relevance to the healthcare industry. Complementary issues available on request to LES members. Active in categories 14, 26 and 27.

**Jere Patterson & Associates**  
**Jere Patterson**

Patent and licensing negotiations in the U.S. and abroad in various fields. Also assist in the capitalizing and managing of new ventures.

**Erno I. Paulinyi**  
**Erno I. Paulinyi**

I am a consultant capable of providing services for growth and development for businesses interested in Brazil, based on technology transfer, new products and new ventures, especially in high-technology markets.

**Pax Technology Transfer Limited**  
**John D. Emanuel**

An independent organisation, with associates worldwide, Pax provides international technology transfer agency and consulting services to industrial and institutional clients. The company specialises in international searches for medium/high technology based business opportunities. It also licenses out selected industrial technologies. Its consulting services include advice on licensing negotiations and the development of business plans for high-tech start up companies. We are actively searching for the following technologies: 5 (PVC, polyurethane, water soluble resins), 7 (volume compounding of PVC, PE), 8 (high tech industrial ceramic processes), 11 (industrial surface treatment products), 14 (cow, pig, poultry and pet health care and productivity products), 17 (metal and plastic surface coatings and treatments), 20 (construction and mining mechanical and fabricated equipment), 21 (small winches for motor vehicles, hoists and rescue equipment for fire and emergency services), 23 (flue gas desulphurisation systems avoiding CASO<sub>4</sub> production), and 28 (fire fighting equipment).

**PCT Technical Services, Inc.**  
**Joseph P. Ciaramboli**

PCT Technical Services, Inc., performs technical, economic and business feasibility studies in technology commercialization worldwide. Technical areas include high-tech as well as practically all industrial and consumer marketplaces. Consulting services include licensing, corporate development, identifying new business strategies and development opportunities, business turn-arounds, and new product development and

**Mannheimer & Zerrerlof**  
**Magnus Wallander**

Active in technology categories 3, 10, 14 and 21.

**March Technologies Ltd.**  
**Stuart Seymour**

Specialises in strategic new business development and diversification for industrial companies. Our five-staged approach has been applied to many leading companies and involves market research, marketing strategy, technology transfer, corporate acquisitions and international marketing. We concentrate on industrial and technical products dealing with new business development in the USA, Japanese and European markets.

**Marcus & Associates**  
**Martin J. Marcus**

Categories 13, 14, 19, 21, 22, 23, 24, 25, 26 and 27. I represent Canadian universities from the Atlantic to the Pacific coasts.

**Matchtech International**  
**Jon E. Trevathan**

Consultants for technology transfer and trade. Develops commercialization opportunities for university technologies and referrals from the National Bureau of Standards, Energy Related Inventions Program. Through associate network, finds technology, investment, and corporate merger/acquisition opportunities for foreign and domestic clients. Locates purchasers and/or venture capital for corporate clients. Brokers manufacturing facilities, equipment, and technology to LDCs.

**McGuigan, William D., Consultant**  
**William D. McGuigan**

Strategies for patent management and patent evaluations.

**McIntyre Engineering Consultants Ltd.**  
**Mary-Jean Wightman**

McIntyre Engineering Consultants Ltd. provides process engineering and technology management services to the petroleum, organic chemicals, and biotechnology industries. Our professional team of scientists and engineers serve clients in industry and governments worldwide. We specialize in the evaluation, development, and appropriate application of new technologies. Our role often involves the assembly of international product development teams.

**McKenna & Company**  
**J.P. Thurston**

J.P. Thurston is a solicitor of the Supreme Court of England and Wales and specialises in the noncontentious and contentious aspects of high technology law including in particular biotechnology law and computer law.

**Melkayne Consultancy Services**  
**C. Horan**

Represents companies and licensing consultants worldwide to market licenses into Ireland and the U.K. Specialize in licensing of technology into/out of Ireland and the U.K. in categories 1, 13, 15, 20, 27 and 28 (sports and leisure).

**MGA Inc., Polytechnique Inc.**  
**Michael F.X. Gigliotti, P.E.**

Strategic planning and commercial development for client companies in Australia, New Zealand, Canada, U.S.A., Brazil, Europe and Africa. Emphasis on food and beverage packaging - paper, foil, glass, metal, plastic and composites.

**Michalos, Peter C.**  
**Peter C. Michalos**

Clients in technology categories 20, 26 and 28 (strollers and other juvenile products).

**Patent Bureau & Law Office Zivko Mijatovic & Co.**  
**Mijatovic, Zivko**

The office is dealing with patents, trade marks, joint ventures, all types of transfer of technology agreements including negotiations, consultations, specialized also in transferring the technology OUT for categories 7, 14, 16, 21 and 24. Licensing services for all kinds of contracts.

**Mooring, Shekell, International Licensing**  
**David G. Mooring**

Principal activity: seeking new technology/products for UK client companies. All clients are established businesses with need to add new products/technology for markets in which already active or with need to diversify altogether. Contact required: with licensors (or their agents) who have opportunities available for taking up in UK or Europe. Office: England. Scope of activities: very wide, covering most industrial sectors and some consumer ones.

know-how and basic engineering from the licensors. The detailed engineering, procurement of equipment, construction, etc., will be done by us or by engineering companies selected by us for the client.

**Kross, Inc.**  
**Dr. Thomas M. Kenyhercz**

Kross, Inc., provides U.S. regulatory assistance and technology transfer expertise to clients in the pharmaceutical, medical device, in-vitro diagnostic and biotechnology business sectors.

**Ladi, Lionello**  
**Lionello Ladi**

Technology category 14 (drugs). Type of clients I represent/seek: pharmaceutical companies, chemicals (fine).

**Lagus & Company Ky**  
**Henrik Lagus**

We are management consultants resident in Finland, servicing mainly domestic industrial and/or commercial clients enterprises concerning analysis, planning, negotiations and implementation of international marketing and technology transfer issues.

**Lead Group International, Inc.**  
**D. Sophocles Dadakis**

Specialize in technology categories 18, 19, 22 and 24. Principal office: U.S.A. Lead International is a multi-service international organization designed to develop profitable international licensing, sales and sourcing for technology-based manufacturers and distributors worldwide. Lead International offers full, customized service in international licensing and technology transfer; export sales and marketing; international sourcing and contract manufacturing; and counter-trade and barter.

**Leclerc & Company**  
**Charles A. Leclerc**

Active in technology categories 14, 16, 26 and 27.

**Leifield, Inc.**  
**Robert F. Leifield**

Represent clients in chemical manufacturing. Emphasis on drug chemicals and specialty chemicals. Special interests: drug intermediates, monomers, plastic additives, fluoroorganics, catalysts, electronic chemicals, analytical reagents, biotechnology reagents, and oil recovery chemicals.

**Lenaco Tech, Inc.**  
**Dr. Lowell E. Netherton**

Consulting in category 5 (plastics), 11 (industrial inorganic chemicals), 12 (industrial organic chemicals), 13 (agricultural chemicals) 14 (drugs), 16 (soaps, detergents and cosmetics) and 23 (pollution control. Expertise in licensing and transferring technology from corporation to corporation; from universities to industrial corporations and from government to corporations on an international basis. Represent chemical and materials oriented corporations. Consultant to universities on licensing patents and software and on technology transfer.

**Licencia Company**  
**Dr. L. Vekony and F. Gebauer**

Licensing in and out from categories 1-28. We are representatives and consultants to Hungarian state and private companies and private inventors. We seek sources of new technologies and potential licensees for our project offers.

**Licensing Services International**  
**Michael A. Cooper**

London, England, based company. Representing trade mark clients wishing to expand by brand extension activity. Clients include the Aston Martin motor car company of England, and rights to the published children's character DIMPY. In addition, LSI represents for the sale of both technology and trade mark rights the product designs of Lee Cooper jeans and casual wear group of companies.

**Link Network, The**  
**J. Winslow Young**

The Link Network specializes in helping new and growth companies acquire technologies through cooperative relationships with research universities.

**Little, Arthur D., Enterprises, Inc.**  
**Edward J. Kenney**

The invention management team specializes in all technical areas. We rely heavily on the diverse technical and marketing resources within the consulting staff of Arthur D. Little, Inc. At no obligation the ADL staff will conduct a preliminary evaluation of the product or process. If evaluation proves favorable, Arthur D. Little Enterprises will handle the invention at its own expense in return for a share of any licensing revenues which may be obtained.

**Lomar Associates**  
**J.L. (Lou) Eckebrecht**

Lomar Associates, licensing division of Lomar Trading Co. Ltd., all categories (both). Clients are Provincial



**Intercontinental Enterprises Limited**  
**Gordon S. Riess**

IEL is an international business consulting and technology group, headquartered in California, with offices in the U.S.A., The Netherlands, Brazil, Japan, and the United Kingdom. Clients are in medical devices, pharmaceuticals and vitamins, high-tech quality control equipment, heat pumps and heat exchangers, rehabilitation and physical therapy equipment, and child safety products. IEL has clients with products to sell or technology to license-out, and clients seeking to acquire or license-in products.

**International Licensing Network, Ltd., The**  
**Robert Goldscheider**

ILN has headquarters in New York and is represented by associates skilled in licensing in every major international market. ILN also maintains a roster of specialists in numerous fields of technology. We are experts in the discipline of licensing and technology management. ILN advises companies located anywhere worldwide about licensing out, licensing in and strategic considerations for commercializing technology. We also appraise bodies of technology for litigation and tax purposes. We are currently active in artificial intelligence software, lighting systems, composite materials and automotive clutches/transmissions.

**International Licensing Services s.r.l.**  
**Vittorio Cardillo**

Scouting about new products and technologies; investigation on patent situation concerning new products and technologies; novelty searches; filing and prosecution of patent, design and trademark applications in all countries; infringement opinions and litigations; license agreement negotiations; transfer of technologies; marketing, financial and feasibility studies; advertising assistance for the launching of new products. Located in Italy.

**International Technology Marketing**  
**Edward G. Tuttle**

Specializing in high-technology areas in electronics/electrical, mechanical, optical, and computer disciplines. Have extensive experience in U.S. and overseas technology transfer, product development/modification for foreign markets leading to successful product introduction and manufacture. Experienced with international laws/norms, U.S. export controls for commercial/military (dual use) technologies, U.S./foreign government procurement, commercial, financial, customs practices related to technology transfer and product marketing. Presently seeking licensees for robotic/electro-optical machines, covered by U.S./foreign patents, for agricultural and industrial applications.

**Intra Gene International, Inc.**  
**Peter F. Casella**

Intra Gene International specializes in technology exchange in the biotechnology, medical and chemical industries and has worldwide contacts with university research laboratories and industries to facilitate the exchanges.

**Intromark, Inc.**  
**Jeffrey W. Weber**

Intromark, Inc., of Pittsburgh, PA, a wholly owned subsidiary of Technosystems Consolidated Corporation actively attempts to license technologies in a wide range of disciplines from consumer products to advanced technologies. Intromark negotiates licensing and royalty agreements between manufacturers and clients of sister company Invention Submission Corporation. ISC is one of the nation's largest sources of new product concepts and innovations that are available for sale or license. Intromark can assist in locating technology or new products for interested buyers or act as negotiator for owners of intellectual properties. Offering technology in categories 7, 19, 26 (especially sutureless bandages), and sports and leisure.

**Irvin, Howard H., Associates**  
**Dr. Howard H. Irvin**

We specialize in worldwide technology exchange, mergers, joint ventures, acquisitions and divestitures in the following areas: plastics, synthetic elastomers, polymer additives, packaging materials, coatings and adhesives and specialty chemicals. Principal office: U.S.A.

**Ives, D.C., Consulting Partners International**  
**D.C. Ives**

We represent clients throughout the U.K., U.S.A. and Japan relating to packaging and processing of food products. We are specialists in packaging technology and processing technology, together with the development of new food recipes. We are interested in receiving information regarding all three of these activities.

**Jaakko Poyry Oy**  
**Jukka A. Nyrola**

Jaakko Poyry provides independent consulting services for the pulp, paper, wood, chemical and other process industries. The services include consulting, design engineering, forestry, management services, environmental control, market research, and research and development. The staff numbers 2500. The Jaakko Poyry Group has completed 4000 assignments in 100 countries, of which 200 are major mill projects. The Jaakko Poyry Group is independent of contractors or equipment suppliers, and a member of FIDIC (International Federation of Consulting Engineers). Offering technology in categories 4, 15, 22 and 23 and seeking technology in category 15.

**Fowlston & Company**  
**Dr. B.J. Fowlston**

U.K. resident organisation specialising in biotechnology and pharmaceutical industry licensing opportunities. Involved with in and out licensing. All sizes of company handled, but particularly interested in start-up situations including university spin-off companies.

**Gasser, Francois W.**  
**Francois W. Gasser**

All technology categories; in and out, Europe, North and South America, Middle East, Far East, Australia, Africa. Small and medium sized companies as well as individual inventors. By mandate to conduct all negotiations. No search or licensors or licensees.

**Glantz, Lester M.**  
**Lester M. Glantz**

Technology assessment, technology transfer IN and OUT, new products search and acquisition, R&D, management consulting. Activities cover broad range of categories, including instrumentation, communication and control, medical, dental, surgical, pharmaceutical, biotech, electronics, consumer items. These services are based on extensive management and engineering/scientific experience in aerospace, biomedical and other areas.

**Gordon, D.H.**  
**D.H. Gordon**

I am acting privately as a licensing consultant with a U.K. office. I represent a proprietary technology for making wide diameter plastic pipe - used largely for sewer pipe. Currently licensed in 15 countries throughout the world and am active also in the textile finishing area.

**Hahn & Hahn**  
**A.J.S. Dunlop or N.M. vanNiekerk**

Licensing in (any field of technology): doing preliminary market surveys at a fee for foreign technology owners, offering technology to prospective licensees selected by client, assisting with negotiations of license, monitoring royalty payments. Licensing out (any field of technology): arranging market profiles to be prepared, offering technology to selected parties, assisting with negotiation of license.

**Hazan International**  
**J. Hazan**

Represent mainly industrial and service firms located in Europe, USA, Far East, South Africa. Occasionally represent innovators. Interested in categories 1, 2, 4, 5, 8, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 and leisure and services.

**Herbst, Salomon**  
**Salomon Herbst**

Assisting in the engineering-economic aspects of technology transfer (in and out). Consulting focuses on the full range of technical measures required in a licensing process by licensee or licensor. The assistance covers the entire spectrum from the feasibility study to the start-up of a plant and/or production of a licensed product. Consulting work is done in close cooperation with the client and often on the client's premises. Technology categories 1, 9, 20 and 21. Country of residence: Switzerland.

**Herranz, Eugenio**  
**Eugenio Herranz**

Area of technology: 26, 27 and 14. I look for new technologies in the categories described in order to transfer them to Spanish companies.

**High Technology Associates**  
**Marvin L. Baker**

Business development in the U.S. for European technology based companies.

**Hillard Lyons Patent Management, Inc.**

Commercialize technology in the U.S. through (a) evaluating, (b) licensing, (c) co-venturing, and (d) funding start-ups and early stage companies. Our services include both consulting and executing relative to the commercialization strategy. Our compensation is based on a fee for consulting and a success fee for executing. HLP's operations are primarily in the U.S. with subsidiaries in Canada and the Netherlands. We welcome non-U.S. companies interested in commercializing their technology in the U.S.

**Hood, Malcolm, & Associates**  
**H. Malcolm Hood**

Technology transfer services, particularly in the fields of human or animal health, chemistry, biology, instruments and polymers as set forth in categories 7, 13, 14 and 24-27.

**H.K. Biomedical Consultants**  
**Wolfgang Huber, Ph.D.**

Based on our pooled experience, expertise, and international contacts, we can make effective contributions to a client's needs in the following areas: preclinical development of emerging health care products, proteins and peptides and therapeutic agents, free radical pathology and antioxidant therapy, and immune regulation.

vestment, accessible to a large number of local promoters. Main priorities are food, leather, agro-allied, building materials, small mechanical industries. We can only assist EEC companies willing to envisage a long-term contractual agreement with companies or individuals from African, Caribbean and Pacific countries. On behalf of the EEC states in cooperation with the African, Caribbean and Pacific (A.C.P.) states, we try to set up or expand industrial operations in the ACP countries. We mainly work with private entrepreneurs. We have a budget to support the study and implementation of projects. Located in Belgium.

**Dorsai International Pty Ltd.**  
**W.L. Case**

The principal objective of Dorsai International Pty Ltd. is to realize long-term capital appreciation and short-term cash flow from significant investments in companies which fall into the "technology" category: high value-added science and knowledge based products and services, with export possibilities and proven research and development. We specialize and seek clients in biotechnology, electronic hardware, computer software communications and new materials technologies. Our principal office is in Australia.

**Dott. Ing. Guido Martelli**  
**Dott. Ing. Guido Martelli**

Consultant specializing in technology categories 5 and 15 as regards particular processes and equipments for thermoforming of plastic sheet and particular plastic packaging especially for fruits, vegetables, food, sweets, etc., including technology transfer. Country of residence: Italy.

**Eamon Dundon and Associates**  
**Edward P. Dundon**

Eamon Dundon & Associates, located in Ireland, works with a large number of Irish manufacturers. Many of these seek licensing-in opportunities with a view to manufacture for export to other European countries. Industrial sectors showing favorable growth opportunities include engineering, electronics (including management information systems) and food. We act as a brokerage house for prospective licensors who wish to make contact with suitable Irish manufacturers.

**Duquenne and Associates**  
**Andre Duquenne**

Acquisition and selling of technologies for medium and small enterprises in Quebec in technology categories 1, 2, 5, 7, 9, 15, 19, 20, 21, 24, 26 and 27. We provide a range of services for technology acquisition or sale as: market study, feasibility study, etc.

**Dvorkovitz, Dr., & Associates**  
**Dr. Vladimir Dvorkovitz or Dr. Alexander van Meer**

Multinationals and governments use our online data bank of licensable technology to augment their own R&D. Over 20,000 technologies are available from over 2000 research centers and strong national companies. Our computers in Japan, Europe and the USA are connected. All are online in their territory so that a technology reaching, e.g., our office in Tokyo could be on the desk of a client with the specific need in the USA or Europe within minutes.

**Economia Club de Caracas, S.A.**  
**Lothar R. Eikenberg M.**

All categories except 25 and 26. Category 28 (especially agri-horticulture, defense appliance, civil engineering). Associated multi-disciplinary consulting/project management experts/teams afford organization's ad-hoc adaptability and multifarious support service profile. Some technology available for licensing out. For licensing in special interest in turn-key package, buy-back, offset operations. In house off-shore facilities for tax-sheltered royalty remittance.

**Dr. Edelman & Edelman GMBH**  
**Rolf K. Edelman**

As an engineering and consulting company, we plan and export complete production lines and turnkey plants for the manufacture of products under technology categories 14, 19, 26 and 27. All our activities are carried out in connection with manufacturing companies acting as technology suppliers and companies seeking new technologies for diversification. Europe (especially USSR and other Comecon countries), Africa and Asia are our geographical areas of activity.

**EKMS, Inc.**  
**Edward Kahn**

EKMS, Inc., secures licensing and software publishing agreements for product developers. Client companies range in size from ten employees up to Fortune 500. EKMS performs the entire gamut of services necessary for successful license, including ongoing audit for the life of agreements. The firm works on a strictly contingent, results-only basis. Areas of activity are cross industry, but specialties include electronics, computer hardware and software, medical technology, and some biotechnology, and in particular categories 18 and 27.

**Elias, Luis, & Asociados**  
**Luis Elias**

Areas of technology in which we specialize: food products and processing; textile products and processing; industrial inorganic chemical products and processing; detergents, cosmetics and toiletries; computers, data transmission, communications and software; electrical

**China Council for the Promotion of International Trade**  
**Ma Lian Fu**

The areas of technology we specialize in include 5, 6, 7, 9, 11, 12, 18, 19, 20, 21, 22, 23, 24 and 25. The clients we represent and/or seek are these at home and abroad including patent applications, inventors, technique owners and the agencies dealing with technique transfer. Country of residence P.R.O.C.

**China Industry and Commerce Development Corporation (China INCOMIC)**  
**Cao Jiarui**

China Industry and Commerce Development Corporation (China INCOMIC) is a general trading company covering a broad scope of business. The Technology Division of the Corporation deals with business relevant to technology transfer, in and out, and investment, mainly in, but not limited to, areas covering technology categories 1, 5, 11, 12, 13, 15 (packaging), 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27 and 28 (horticulture). We can act as the agent of Chinese entities to look for foreign technology they need, to negotiate and conclude contracts, on behalf of them, with foreign entities, and to provide financial assistance to them if necessary. We can also provide services to foreign entities in looking for Chinese cooperators or Chinese technology they need, in rendering consulting service as how to do business in China, etc.

**China Patent & Technology Trade (U.S.A.) Ltd.**  
**Zhou Chuanjie**

The activities of this company are to promote technology transfer, licensing trade and import and export business related to technological products between the People's Republic of China and other countries, to facilitate the commercialization and marketing of China's scientific and technological achievements, to help the acquisition of advanced technologies and equipment urgently needed by China, to invest in setting up factories in China, or overseas to exploit the patented technology and know-how and to provide legal and consultative services on compensation trade, coproduction, joint venture, etc., in relation to above-mentioned business as entrusted by Chinese and foreign clients. The company is interested in all technology categories.

**China Petro-Chemical International Company**

We specialize in the area of 3, 5, 6, 7, 12, 13, 16, 22, 23 and 24 of the technologies categories and represent clients like manufacturers, research institutes, engineering and construction corporations in the field of petro-chemical industry. Our principal office is at Beijing, China.

**China Technology Trade (H.K.) Ltd.**  
**Lu Yuemin and Yang Peiyun**

The activities of this company are to promote technology transfer, licensing trade and import and export businesses related to technological products between the People's Republic of China and other countries, to facilitate the commercialization and marketing of China's scientific and technological achievements, to help the acquisition of advanced technologies and equipment urgently needed by China, to invest in setting up factories in China, Hong Kong or overseas to exploit the patented technology and know-how and to provide legal and consultative services on compensation trade, coproduction, joint venture, etc., in relation to above-mentioned business as entrusted by Chinese and foreign clients. The company is interested in all technology categories.

**Clarke, Modet do Brasil Ltda.**  
**Hugo Casinhas de Silva**

Our firm actuates in the areas of industrial and intellectual property (filing of patents and registration of trademarks, technology transfer agreements, registration of copyright, etc.), besides technical and commercial translations and commercial representations. We deal with companies of all technological areas, as well as with a quite broad range of private commercial concerns.

**Cohen, Dr. Shlomo, and Company**  
**Dr. Shlomo Cohen**

Attorneys specializing in intellectual property in categories 18 and 19.

**Coltmans**  
**Benny Browne**

We practise in international and national licensing and technology transfer, arranging finance for developments in technology, technology joint ventures and intellectual property litigation. The practise is carried on from our office in Melbourne, Australia, but we do also represent clients in Europe, Africa, New Zealand and America. The clients that we represent and/or seek to represent are mainly corporations or entrepreneurial individuals.

**Comandini, Paolo Emilio**  
**P. Pesaro**

Consultant and Assistant concerning patents and licensing questions and affairs. Principal office: Italy.

**Bard, Dr. Basil**  
**Dr. Basil Bard**

I am a consultant on innovation and technology transfer. I assist changes and help in product, project and company progress. I participate in licensing negotiations and license preparation and speak to meetings and conferences on these subjects. My clients are companies and individuals mostly in U.K. who require assistance. I also act as expert witness in lawsuits concerned with licensing, intellectual property and patent infringement.

**Batson, Elizabeth A.**  
**Elizabeth A. Batson**

Consultant providing licensing and marketing services for U.S. companies and universities. Specializes in software and copyright licensing, market research, strategic planning and product marketing for the computer industry. Have extensive experience in university licensing and copyright policies. Especially interested in category 18. Principal office in U.S.A.

**Battelle Technology International,**  
**Commercialization Management Office**  
**Dr. Richard Razgaitis**

The Commercialization Management Office acquires technology from the Battelle Laboratories, universities, industry, and individuals and licenses this technology throughout the world. This facilitates close integration of intellectual property development and exploitation with Battelle's multi-purpose research and development business. One CMO program works with selected companies to define specific needs. Subsequently, Battelle may invest its own funds to determine and demonstrate feasible solutions to the needs. If feasibility demonstration is successful, the related company is offered first rights to the IP generated.

**Bend Research, Inc.**  
**J.R. Lowell, Jr.**

Bend Research is a contract research and development company active in separations, controlled release, bioprocessing, and polymeric thin films. Applications under recent or current investigation include formulations of biological pesticides, use of membranes with enzymes in production of organic chemicals, membrane processes for removal of organics from plant wastes, and development of novel sensors. Categories of interest include 1, 11, 12, 13, 23, 24 and 27. We offer technology in categories 13 (controlled/sustained release pesticides), 27 (bioprocessing & bioseparations), 12 (membranes) and 23 (organics & heavy metals).

**BIEC International, Inc.**  
**Richard L. Wechsler**

We are the company which has licensed Galvalume (55% Al-Zn alloy coated) sheet steel technology to twenty-one steel companies worldwide. We are looking for new metallic and organic coating technology for sheet steels. Since we have established a unique global network in the international steel community, we are an ideal partner for a company seeking to license its coating technology worldwide.

**Bierman and Muserlian**  
**Charles A. Muserlian**

I am a United States patent attorney specializing in the chemical mechanical areas but our firm is capable of also handling electronic technology. Our major clients are large, European and Japanese corporations and various foreign associates as well as some small American companies.

**Blameuser, Charles Roland**  
**Charles Roland Blameuser**

Consultancy and other professional services in relation with all aspects of tech transfer and licensing, as well as R&D. Areas of work include: patents, know-how, trademarks, franchising, Agreements esp. devoted to: Agrogenetics, Bio Tech, seed and fruit industry, plant breeder's rights protection and defense. Clients: From individual to int'l companies. Working area: France, EEC, EFTA, Japan, USA, Africa. Both IN and OUT: 1, 18, 27 and 28. Languages: English, French, German.

**BLE Capital Ltd.**  
**Gerry Freed**

Venture capitalists investing in well managed technology based businesses in Australasia. Owned by Westpac & Investors in Industry. Seeking long-term relationships requiring equity and/or debt financing.

**Bowler, John E.**  
**John E. Bowler**

Chartered engineer, graduate economist. Consultant in technology transfer and in management of intellectual property. Engineering experience in categories 5, 9, 17, 19, 20, 21, 22 and 24. Services offered: consultancy in all aspects of technology transfer including formulation of company licensing policy, appropriate license terms with special reference to economic aspects, negotiation and implementation; very successful lecturer on licensing matters; expert witness in litigation involving licensing; author available as contributor to books and other publications on licensing.

## TECHNOLOGY TRANSFER CONSULTANTS AND BROKERS

These organizations have submitted the following information about their activities, especially their services in connection with assisting others in technology transfers, including any areas of technology where they have special knowledge or concentrate their efforts.

### **ACTINOVE-Groupe ALGOE** **Pascal Gustin and Gerard Debrinay**

ACTINOVE-ALGOE group is a firm of management consultants specialized in technological management and commercial aspects of licensing; technological evaluation and promotion of new products, opportunity market research. Our areas of interest and expertise cover categories 1, 5, 7, 14, 17, 24, 26 and 27. Type of clients: industrial firms, regional or local development bodies, chambers of commerce and industries, research laboratories, etc. We work more especially with Europe (EEC), North America, and Japan.

### **AdNovum AG** **Dr. A. Lauchenauer**

Interested in categories 2, 3, 4, 5, 7, 14, 17, 18 (software production), 23 and 26. Activities include technology brokering, product brokering, R&D/technical consulting, search for new technologies, products, licensees, licensors, take over candidates, joint venture partners, representative agency agreements. Clients are mostly European and U.S. companies. Contacts to Middle East through affiliated Cyprus Offshore Co. (Acanthus Trading Co., Inc.). Location: Switzerland.

### **Adelaide Innovation Centre** **John Taylor**

The Centre is the focal point for transferring intellectual property from South Australian Government, South Australian research organisations, academic bodies, companies and individuals. We represent the technologist and seek suitable licensees and assist in negotiating the licensing agreement on either a fee-for-service or commission based on future sales.

### **Advanced Extraction Technologies, Inc.** **Yuv R. Mehra and Michael Brahn**

AET offers use licenses under patents and know-how for its solvent based Mehra Process® technology to operators in the natural gas processing, petrochemical and petroleum refining industries for ethylene extraction, hydrogen purification and nitrogen rejection in conjunction with heavier hydrocarbon recovery. The royalty is based upon a percentage of benefit derived by the licensee. Our customers are operating companies in the hydrocarbon industry. AET is located in the U.S.

### **Aghib and Associates** **Edward G. Aghib**

Aghib & Associates is a management consulting firm specializing in long-range strategic planning, business development and searches for new products. It is also active in mergers and acquisitions. In our strategic planning activities, we undertake only exclusive assignments whereby the client can be assured that there will be no comparable activity on our part in the same industrial sector. To assist clients in solving problems of growth or of market expansion, we engage in systematic searches on a world-wide basis. New products or new technology often provide entry to new markets or fields of activity. We are well qualified to carry out such difficult assignments having established a network of associates and correspondents which covers Europe, North and South America, and Asia.

### **Agricultural Genetics Company Ltd.** **J.R. Kingsley-Pallant**

Category 27 (plant biotechnology - the production of improved plants for agriculture or horticulture using genetic engineering and tissue culture techniques in conjunction with conventional breeding (cereals, oil seed rape, peas, potatoes). Category 13 (biological pesticides based on bacteria, viruses, fungi, etc., biological fertilisers and inoculants; e.g., rhizobia; mycorrhiza. Sale and licensing of techniques, processes and technology emanating from nine agricultural and food research council institutes in UK and several universities. Contract Research for International Clients. Location: U.K.

### **Ahuja, D.P., and Company** **Sudhir D. Ahuja**

Specialise in licensing of high and new technologies both in industrial and consumer areas. Also assist in forming joint ventures, licensee evaluation and generally acting as consultant to a foreign licensee in any legal or commercial area. We seek large and medium sized companies who have the experience and ability to transfer know-how and technology on a long-term basis. Residence in India.

are client owned. All inventions developed on internally-funded programs are available for licensing. SINTEF has a number of such licenses both with domestic and foreign companies. SINTEF also assists in technology transfer from third parties to Norwegian clients.

**Southern California, University of  
L. Kenneth Rosenthal**

University is active in number of areas of technology; however, currently we are seeking cooperative research/licensing arrangement more actively in the following areas: industrial inorganic chemical products and processes, synthesis of biologically significant compounds like nucleotides, electrical and electronic equipments laser machines and technology and also optical instruments. Offering technology in categories 6, 14, 18 and 27.

**SRI International  
Dr. Pepi Ross**

Biomedical instrumentation, biosensors, instrumentation for biotechnology. We seek outside funding for project work and for license and purchase of developed technology. Offering technology in categories 23, 24, 26 and 27.

**Stanford University  
Niels Reimers**

Stanford has a strong research program covering most academic disciplines and encourages research collaboration with industry.

**Swedish National Board for Technical  
Development, The  
Torsten Svenre**

R&D support and technology transfer.

**Techsearch Incorporated  
Robert Taylor**

Interested in categories 8 (especially magnesium cements, cement and concrete), 10 (especially mineral recovery, flotation, separation), 18 (especially digital signal processings, transmission, telecommunications, data encryption, coding, decoding, satellites), 20 (especially agricultural implements and machinery), 24 (especially related to liquid film behavior), and 28 (applied particle and surface technology).

**Texas, University of, Health Science Center at  
Houston  
Jan K. Simpson**

Cooperative research and technology transfer in the technologies of categories 14, 26 and 27.

**Tunra Ltd.  
Karel Grezl**

Interested in bulk materials handling, belt conveying, pneumatic conveying, mineral separations by flotation, and adaptive control.

**Utah, University of  
Tom Major**

The University of Utah is a diversified research and education institution with an annual research budget of over \$100 million. The University of Utah pursues a vigorous program of licensing out technology to many different sources of industry and encourages industrial participation through Centers of Excellence in such areas as biopolymers, drug delivery, sensors, electronics, artificial organs, coal research and other areas.

**Vanderbilt University  
Ray E. Snyder**

Offering technology in categories 14, 18, 24, 26 and 27.

**Wake Forest University  
Paul G. Waugaman**

Wake Forest University is a comprehensive university offering the doctorate degree in 11 areas of science and medicine. Its sponsored research program is comprised of over 350 active projects, and a total level of effort valued at almost \$30 million per year. The University seeks opportunities to introduce practical inventions and discoveries arising from this enterprise into commercial use, to the benefit of society, the University and the inventors. Because the University is not a commercial organization and its science programs tend to be either basic or applied biomedical in nature, most inventions and discoveries require additional support for development prior to their introduction into commerce.

**Washington Research Foundation  
Robert Sloman**

Interested in plasmaphoresis as a therapeutic process; in distributing biologicals of research interest and in the manufacture and sale of proteins made in yeast host systems. Offering technology in categories 27 (recombinant DNA), 24 (bioengineering, medical device/hardware), and 4 (inorganic filler technology).

**Washington, University of  
David Shapiro**

The University of Washington seeks corporate research funding in numerous fields, to supplement the research funding, in excess of \$225,000,000 annually, received from the federal government. In excess of 250 technologies are now offered for license by the University of Washington. The staff of the Office of Technology Transfer is most willing to accommodate

**Northeastern University**  
**Richard J. McNeil, Jr.**

Melt spinning superconductivity, novel aporphines, low narcissus coheren and lasar radar; molecular analytical release tags; precipitate hardened titanium alloy and method of manufacturing; stabiliation of coal liquid fractions and fuel blends; and enzyme amplification method; repitive hit and run immunoassay; novel iron oxides chromate oxide on alumina aerogel catalysts; holographic optical elements for MM and microwave; novel chromia materials; new chiral polymeric reagents; and growth of superconducting thin films.

**Northern Illinois University**  
**Dr. Larry R. Sill**

The Northern Illinois University Technology Commercialization Center is one of a statewide network of such centers whose mission is to assist inventors and small businesses in Illinois to bring their technological innovations and ideas to commercialization. The TCC offers aid in research and development; prototype construction and testing; patenting and other protection; referrals to Illinois manufacturers; referrals to sources of funding at local, state, and national levels; and assistance in finding licensing.

**Northwestern University**  
**Martin Rachmeler or Teri Willey**

Northwestern University is a diverse, moderately sized private research university. The University has 13 schools and about 13,000 students, of whom approximately 5,500 are graduate and professional students. The schools that provide major input to the Technology Transfer Program are: The Medical and Dental Schools, the Engineering School, and various departments in our College of Arts and Science, including Molecular Biology, Neurobiology, Chemistry and Physics. Northwestern wishes to assure that all discoveries and inventions resulting from research or educational activities are used for the greatest possible public benefit. The University, therefore, seeks agreements appropriate to achieve this goal. These include exclusive and non-exclusive licenses as well as research agreements with options to license resulting technologies. Offering technology in categories 6, 14, 26 and 27.

**Nottingham, The University of**  
**Derek H. Davis**

Departments will discuss possibilities for co-operative research, commissioned research or consultancy in fields appropriate to their particular expertise, which in a University of seven faculties, 61 departments and more than 720 academic staff is considerable and wide-ranging. The University Industrial and Business Liaison Office is the point of first contact for enquiries. Offering technology in categories 18 (CAD/CAM software) and

26 (M.R.I., foetal monitoring, antibiotic sensitivity testing, and various lab/medical equipment).

**Oregon Health Sciences University**  
**M. Ronald Parelius**

Offers technology related to drugs for human and animal use, medical instruments, biotechnology research and development, genetic probes, drug delivery systems, diagnostics, vaccines, gene expression and amplification, fetal lung monitoring, intraocular pressure lowering agent. Seeks outside funding for special research projects, such as molecular biology, drug delivery, diagnostics, monoclonal antibody development, neuroscience, cancer detection, immunological preparations.

**Oregon State University**  
**William Hostetler**

Offers technology and seeks outside funding in areas of agriculture; forestry; electrical, chemical and mechanical engineering; veterinary medicine; pharmacy; food and nutrition; materials science; biochemistry; biophysics; molecular biology; and genetics with especial offerings of animal disease diagnostics, therapeutics and vaccines, agents, and antiasthmatics and slow release technology, chemical analytical instruments and software for forestry and agricultural applications.

**Pittsburgh, University of**  
**John H. Thompson**

Bioinstrumentation: non-invasive X-ray in medical imaging and monitoring of regional blood flow in the brain based using xenon as a tracer. Miniaturization of biosensors uses the inherent discrimination power of antibodies (as bioreceptors) for selective identification of biologicals and fiber optics and integrated circuits for sensitivity. Biocomputation: biomolecule modeling techniques allow the design of highly active specific drugs. Supercomputer algorithms will advance the fields of protein engineering and genetic mapping. Cell Culture Engineering: regulatory growth factors research is leading to methods for growing differentiated cells that can be used in new therapeutic approaches which utilize cells as curative agents, e.g., the use of activated lymphocytes in cancer treatment.

**Pulp and Paper Research Institute of Canada**  
**Joseph Merka**

The Institute conducts basic and applied research in chemistry, physics and engineering sciences relating to categories 4, 22, 23, 24 and 27. Licensing opportunities exist both in and out.



**Japan Institute of Invention & Innovation**  
**N. Ohsawa**

A public service corporation authorized by Japan Patent Office since 1904 whose purpose is to expedite Japan's scientific and technology progress mainly by encouraging invention. Main activities: commendation of excellent invention, holding of invention exhibitions, development of the youth's creativeness, and dissemination of information relating to industrial property, publication, consultation service of invention and industrial property, and settlement of related disputes, research and talent education relevant to industrial property.

**Lakehead University**  
**Elli Murack**

Interested especially in category 20.

**Lancaster, University of**  
**G.D. Yates**

Application of computers into manufacturing systems; polymer science and new polymer material synthesis; have expertise in specialist communications; pollution monitoring and control, biological effects of air pollution; image analysis; and management of innovation, project engineering.

**Laurentian University**  
**Ross E.T. Bennett**

Specializing in facilitating the research and development of new methods and machinery for underground hard rock mining including literature and state-of-the-art searches and patent searches; market studies and business plans; pairing of industry and researchers; assessing government research assistance programs; and base and precious metal processing.

**Lehigh University**  
**Dr. Bruce M. Smackey**

Interested in categories 16, 7, 9, 11, 12, 13, 14, 18, 19, 20, 22, 24 and 27. Offering technology in categories 6, 11, 24 and 27.

**London, University College**  
**Dr. Margo Goldspink**

University College London is amongst the largest of UK universities with 78 academic departments in the seven faculties of engineering, science, environmental sciences, arts, laws, clinical and medical sciences. UCL is strongly committed to collaborating with industry, commerce and the professions. Access to facilities and specialist staff is arranged through the academic services unit which arranges advisory services, applied R&D, professional retraining courses and technology transfer across the wide range of specialist fields within

UCL. Offering technology in image processing, remote sensing and space technology.

**Manchester, University of, Institute of Science and Technology (UMIST)**  
**Dr. R.S. Holdom**

UMIST is a major technological institute which offers a comprehensive range of expertise, facilities and technologies in science and engineering. UMIST has an excellent reputation for its research collaboration with industry and particular areas where expertise is offered or further collaboration is sought are biotechnology, electronic materials, instrumentation and analytical science, computational linguistics, optical sensors, surface analysis, pollution research, textile technology and control systems.

**Manchester, University of/Vuman Ltd.**  
**Dr. E.J. Duff**

Vuman Ltd., the technology development and exploitation company of the University of Manchester, offers technology and seeks collaborative research and development opportunities within a broad range of medical, scientific and technological areas, particularly medical diagnostics, pharmaceuticals, computer software, opto-electronics, imaging technology and medical and scientific information. Publishes *Technology List* six-monthly and *Technology Directory* annually. Specific areas of interest include categories 14, 18, 25 and 26.

**Marketing and Distribution Science, University of**  
**Prof. Takao Mukoh**

Automation and foods, in particular contracts (joint venture and distributorship, related to transfer of these technologies).

**Massachusetts Eye and Ear Infirmary**  
**Dr. Albert L. Broseghini**

The Infirmary is a 174-bed Harvard affiliated teaching hospital specializing in research and treatment of eye, ear, nose and throat disorders. Specific research capabilities include ophthalmic drug trials and drug development, auditory physiology of the ear and brain stem, vision disorders, vision and auditory aids, cochlear implants, speech and laryngeal functions, development and/or testing of ophthalmic and otolaryngologic instruments (diagnostic and surgical), rehabilitation aids and laser technology.

**Medicine and Dentistry of NJ, University of**  
**Dr. Leonard E.A. Godfrey**

The University has special expertise in AIDS and has recently isolated the HIV-2 virus. Support will be necessary to develop diagnostic tests and to sequence the proteins and the DNA. Offering technology in categories 14, 26, 27, and diagnostic tests.

## **Comision Interministerial de Ciencia & Tecnologia**

The Interministerial Committee fosters science and technology in enterprises. The promotion of research is being addressed through national objectives established as priorities. These include topics within broad areas such as production and communication technologies, agrofood and natural resources as well as health related problems.

### **Cork, University College A. Weaver**

Offers technology in categories 1, 11, 12, 17, 18, 19, 22, 24 and 27. Special interests in microelectronics, gaas, silicon microfabrication and interconnect technology, electrochemistry and metal oxide thin films, food biotechnology, dairy and food science, plant biotechnology, offshore/coastal engineering, power control and wave energy devices, aquaculture and virology.

### **Coventry Polytechnic Charles Leonard**

Coventry Polytechnic is at the forefront of developments in many areas of industry and commerce. These include biotechnology, materials science, cardiac pacing, energy systems, metrology, CAD/CAM, sonochemistry and a wide range of expert services in business, economics, design, health care and planning to name but a few. New partnerships are constantly being sought to exploit this expertise. Offering technology in categories 19 (intrinsically safe equipment and digital output accelerometer), 22 (solar power inverter-low head hydroelectric power generator), 26 (cervical collar, ventalarm, and computer heart stimulation), and 27 (computer controlled mini-bioreactor).

### **Dayton, University of, Research Institute Lloyd Huff, Ph.D.**

The University of Dayton Research Institute (UDRI) conducts both basic and applied research for government and industrial sponsors. Research programs cover a broad range of disciplines in engineering and the physical sciences with emphasis on problem solving and applied research. UDRI is committed to making its technology available to the private sector and welcomes industrial sponsorship. Technologies are available for licensing in the areas of high-performance materials, metal processing, optical inspection, energy storage, jet propulsion, instrumentation, fire safety materials, and biomaterials.

### **Delaware, University of Dr. Robert D. Varrin**

A major university with emphasis on student development and research. In addition to individual research

interests of professors in many fields, the University has centers of research as follows: Composite Materials which conducts studies on the properties, development, and application of composite materials including carbon fibers, ceramics, and metal fibers; Center for Catalytic Science for basic research on the application of catalysts and mechanisms of catalytic action with hydrocarbons; and the Institute of Energy Conversion devoted to basic, applied, and engineering research involving photovoltaic solar cells, semiconductor devices and thin film unit operations. Collaborative relationships with industry are welcomed.

### **European Communities, Commission of the Dr. B.B. Goodman**

One task of Directorate General XIII of the Commission of the European Communities is to assist in the exploitation of inventions made by contractors (particularly universities, research centres and SMEs) in the framework of contracts covered by European Community R&D programmes. Assistance includes support for market evaluation, finding industrial partners, licensing negotiations and prototype work. Such contractors are periodically invited to submit for consideration by DG XIII their requests for such assistance.

### **Galway, University College Dr. J. Watson**

There is particular interest in cooperation in the areas of diagnostics (the Institution houses the National Diagnostics Centre), marine research, software applications, developments in the fields of computer integrated manufacturing and artificial intelligence, and the design of marine risers and composite materials.

### **Guelph, University of D. Joseph Irvine**

The University of Guelph consists of: Ontario Agriculture College, College Biological Sciences, College Physical Sciences, Ontario Veterinary College, College of Social Sciences, College of Family and Consumer Studies, and the College of Arts. Technology areas: 1, 2, 5, 13, 14, 18, 20, 24 and 27.

### **Gustave-Roussy, Institut Madame Francoise Olier**

The Institut Gustave-Roussy is a teaching hospital entirely devoted to cancer. With approximately 550 beds, 10,000 new patients per year and a staff comprising 300 M.D. and 300 Ph.D., it is probably one of the world's largest cancer centers. Its primary aim is to promote progress in management of neoplastic disease through a multidisciplinary approach in treatment and close cooperation between fundamental, epidemiological and clinical research.

These universities and non-profit organizations have submitted the following information about their activities, especially their special research expertise and technology available for licensing.

**Agricultural Institute**  
**Sean Silke**

The Agricultural Institute is the national research organisation for the food and agriculture industries in Ireland. Major programme areas include food processing, animal/crop production systems and biotechnology. We are interested in proposals for cooperative R&D ventures in food product development, plant breeding and agri-engineering. We also specialise in the pre-launch evaluation of veterinary products, animal feeds and agrochemicals.

**Alberta, University of**  
**Dr. William R. MacDonald**

The University has technologies for licensing in many areas: medical devices (including lasers), pharmaceuticals, agricultural products, electronic sensors, chemicals, and chemical processes, biotechnology, medical diagnostics, food products, computer software. Major capabilities exist in the broad areas of agriculture, forestry, dentistry, engineering, medicine, and the physical and biological sciences.

**A.R.E.P.I.T.**  
**Gilles Y. Bertin**

A.R.E.P.I.T. is looking for external cooperation and/or outside funding to promote multiclient studies and contacts on advanced techniques - biotechnology, software etc., and international (economic and legal) conditions of transfer. A.R.E.P.I.T. also performs consulting and brokerage for small firms in France with foreign partners, especially in the fields of software and biotechnology.

**Australian Patent, Trade Marks & Designs Offices**  
**P.A. Smith and E.M. Haddrick**

The Australian Patent, Trade Marks and Designs Offices administer Australian industrial property systems for the protection of patents, trade marks and designs; develop and maintain an information data base; facilitate access to technological information contained in international patent literature as a means of technology transfer to Australia; participate and monitor developments; advise the Minister for Science; act as a Receiving Office, International Searching Authority and International Preliminary Examining Authority under the Patent Cooperation Treaty; and assist developing countries under international arrangements.

**Battelle-Columbus**  
**Joseph H. Oxley**

Battelle is interested in assisting inventors or the owners of underdeveloped intellectual property by performing the research necessary to develop a licenseable or near-commercial process or product. Generally outside funding is necessary to support such research activities, although occasionally Battelle itself makes such investments.

**Birkbeck College**  
**Mr. P.R. Woods**

Birkbeck College, which is a constituent part of the University of London, seeks cooperative research and consultancy in the following areas: biology, biotechnology, chemistry, computer science and technology, geographic information systems, microbiology, pharmaceuticals, human resources development, information technology, fission track dating, fuel science and technology. It is a leading centre in X-ray crystallography technology.

**Brigham Young University**  
**Lee R. Phillips**

Offering technology in: food products and processing; textile products and processing; synthetic fiber; petroleum refining, products and processing; mining and extraction; industrial inorganic chemical products and processing; industrial organic chemical products and processing; agricultural chemicals; drugs; computers, data transmission, communications and software; electrical and electronic equipment; transportation and lifting equipment; energy; pollution control; instruments, devices, controls and systems; photographic devices, optical instruments and lenses; video disk technologies; CAD/CAM; chemical instrumentation; chemical separations; movie productions; and language instruction.

**British Columbia, University of**  
**Dr. James W. Murray**

Areas of interest include: food processing and packaging; pulp, paper, wood products and lumber; metals (smelting, refining and steel making); computers, data transmission, communication and software; and biotechnology.

TECHNOLOGY CATEGORY: 27 BIOTECHNOLOGY

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Sterling Drug Inc.	Hegedus, J.S.	IN	New drugs
Syntex Laboratories, Inc.	Hong, E.	BOTH	
Taki Chemical Co., Ltd.		IN	Plant, seed and processing
Technicon Instruments Corp.	Margoshes, M.	IN	For medical diagnostics
Technip, Inc.	Fussman, F.	IN	
Technology Licensing & Acquisitions	Ellis, K.O.	BOTH	Human medical products
Tosoh Corporation	Kawahima, K.	BOTH	
UCB S.A.	Arino, J.	BOTH	
Unilever PLC	Tate, R.V.	BOTH	Medical diagnostics, biosensors, agribusiness
Union Carbide Corp.	Francis, J.A.	BOTH	
University Genetics Co.	Monahan, T.J.	BOTH	
Upjohn Company, The	Andonian, J.K.	BOTH	For human and animal health and seed applications
	Lemin, A.J.	BOTH	
	Schwartz, P.B.	IN	
W.L. Gore & Associates (U.K.) Ltd.	Forrester, H.R.	IN	
W.R. Grace & Co.	Bleeker, R.A.	IN	
	Palmer, N.I.		
Wallace Laboratories	Nelson, R.W.	IN	Chemical pharmaceuticals
Warner-Lambert Co.	Dykstra, N.L.	IN	
	Pearson, D.S.	IN	
	Walsh, R.J.	BOTH	
Wellcome Diagnostics	Coleman, A.J.	IN	Monoclonal antibodies, DNA probes
	Finch, S.		
Weyerhaeuser Company	Taylor, C.	BOTH	
Wyeth-Ayerst Research	Baker, A.P.	BOTH	
Zeria Pharmaceutical Co., Ltd.	Matsumoto, S.	IN	Human use drugs

TECHNOLOGY CATEGORY: 28 OTHER

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Air Products & Chemicals, Inc.	Ryder, T.G.	IN	Potable water treatment
Aquascutum Ltd.	Clark, H.A.	BOTH	Small leather goods, handbags and luggage
Atlas Powder Company	Urenovitch, J.V.	BOTH	Explosives-detonators, emulsions, nitrate esters
	Wade, C.G.		
B&D International Pty. Ltd.	Thompson, R.	BOTH	Manufacture of metal building products
BOC Group Inc., The	Pearlman, R.T.	IN	Industrial gases and their use
Burchell Nursery, Inc., The	Brody, A.A. Jr.	BOTH	Deciduous fruit and nut trees (plants)
C.W. Nofsinger Company, The	Duffy, B.J., Jr.	OUT	Continuous crystallization process to make ultra-pure chemicals
Coopers Animal Health	Pay, P.W.	BOTH	Drug and chemical delivery systems
Diamond Scientific Co.	Stevens, D.R.	BOTH	Vaccines; vaccine related technology
Dow Chemical Company, The	Manfroy, W.	BOTH	Separations, ion exchange, gas separations, membranes
Dunlop Slazenger International Limited	Rees, J.B.	BOTH	Sport and leisure products
E. Merck	Heumann, J.	BOTH	Diagnostics
Electricity Council Research Centre, The	Gibbs, M.G.	OUT	Electrical heat treatment processes; industrial heat pumps
FRAMATOME (Nuclear Fuel Division)	Xavier, D.	BOTH	Nuclear field
GE Astro Space Division	Wallwork, D.	OUT	Spacecraft subsystems and technologies
GECO A.S.	Furu, H.	BOTH	Marine seismic data acquisition & processing
GenCorp Inc.	Rote, F.D.	BOTH	Wallcovering and related products, racket sports equipment
Innovative Design Co. Pty. Ltd.	Woinarski, D.A.	OUT	Industrial design in plastics
Interlock Industries Ltd.	Young, S.R.	BOTH	Window and door hardware
Jawca Pty. Ltd.	Thomas, A.	BOTH	Agricultural machinery
Johnson Matthey PLC	Connor, H.	BOTH	Materials for electronics industry
Kendall Co., The	Boudreau, J.A.	IN	Home health care products
L'Air Liquide	Carbonell, E.	BOTH	Uses of industrial gases in all categories
Learning Things, Inc.	Onanian, R.A.	BOTH	Plastic model construction blocks
Masco Corporation	O'Connor, E.D.	IN	Plumbing & related products; home furnishings, especially furniture; chipless metal working processes
McConnell Dowell Constructors Ltd.	Kidd, N.L.	BOTH	Construction techniques
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	IN	Aerospace, urban development
Netlon Limited	Smith, K.	IN	Construction/building products, horticulture/agriculture consumables; horticulture-produce packaging/storage
Product Genesis, Inc.	Haggerty, M.K.	BOTH	Development of consumer, industrial, electromechanical and technology based products
Projectina Ltd.	Liechti, W.	BOTH	Opto-electronic systems, machine vision systems
R.J.R. Technical Co.	Beck, C.L.	IN	General agricultural technology
Raytheon Co.	Bowen, R.F.	OUT	Disposable microwave packaging
Rentokil Group Plc	Lawson, T.	BOTH	Plant horticulture services
SNPE	Brocart, A.	BOTH	Explosives and propellants
Sterling Organics Ltd.			Performance fine chemicals
	Parrish, M.A.	IN	Fine chemical manufacturing technologies

TECHNOLOGY CATEGORY: 26 MEDICAL, SURGICAL AND DENTAL INSTRUMENTS (DEVICES AND SUPPLIES)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Allergan, Inc.	Zeleznick, L.D.	IN	Medical, surgical & dental instruments (devices & supplies)
American National Red Cross	Sandberg, H.E.	BOTH	Medical, surgical and dental instruments
Antigenics, Inc.	Berkoff, C.E.	BOTH	Therapeutic apheresis devices for use in AIDS and other immune based diseases
BOC Group Inc., The	Pearlman, R.T.	IN	Operating room and critical care
Bay Medco	Florence, D.	BOTH	
Becton Dickinson & Co.	Buono, F.	BOTH	Drug delivery, specimen collection, surgical, nursing care, infection control, monitoring, diagnostic, cardiovascular
Biotechnica International, Inc.	Jacobs, N.A.	BOTH	Products for dental, diagnostic market
Block Drug Co., Inc.	Goodman, J.	BOTH	Dental
	Goodman, J.	IN	Dental instruments (supplies & devices)
Byk Gulden Lomborg Chemische Fabrik GbmH	Feigenhauer, F.	IN	Disposables
Cambridge Electronic Industries p.l.c.	Waggett, M.	BOTH	Non-invasive drug delivery and monitoring
E.I. DuPont de Nemours & Co., Inc.	Weisman, H.S.	BOTH	Pharmaceutical
Electro-Nucleonics Inc.	Waddell, H.H.	BOTH	In-vitro diagnostics
Gene Link Australia	Round, J.	IN	
Gillette Company, The	Gale, W.S.	BOTH	Dental instruments
Hillard Lyons Patent Mgmt.	Earley, A.L.	BOTH	Employing laser, ultrasonic, piezoelectric and other advance testing/analytical methods
Horizonte Venture Management GmbH	Krejs, F.R.	BOTH	
Johnson & Johnson Patient Care	McGrath, B.T.	BOTH	Dressings, tapes, drainage devices
Kendall Co., The	Boudreau, J.A.	IN	Disposable medical products
Kinloch Electronics Ltd.	Hutton, R.	IN	Manufacture electronic devices
London International Group plc	Halliday, R.P.	BOTH	Hospital products
Marion Laboratories, Inc.	Gardner, S.M.	BOTH	Diagnostics
	McNish, J.L.	BOTH	
Martin Marietta Energy Systems, Inc.	McKenzie-Wardell, D.	OUT	
Miles Inc.	Bradley, B.	BOTH	Blood & plasma handling devices
	Mucha, J.L.	IN	Professional dental products and medical diagnostic tests
National Research Laboratories	Katona, A.M.	OUT	FDA-approved dental prophylactic paste
Nucleus Limited	Hirshorn, M.S.	BOTH	Biomedical
Optische Industrie (De Oude Delft) bv.	van der Burg, L.	BOTH	Medical X-ray, medical ultrasound
Pfizer Hospital Products Group	Gerstin, R.	IN	
Pinewood Laboratories Ltd.	Clifford, R.	IN	Nephrology
R P Scherer Limited	Drinkwater, D.J.	BOTH	Dental
Raytheon Co.	Bowen, R.F.	BOTH	Medical
Schering-Plough Corp.	Mugford, D.J.	IN	
Sekisui Chemical Co., Ltd.	Izaki, T.	BOTH	
Siemens-Elcoma AB	Baselius, L.G.	BOTH	Medical electronic equipment including X-ray
Smith & Nephew Associated Companies PLC.	Horlinton, M.	BOTH	Healthcare, dressings, adhesives, splinting, orthopaedics, hygiene, vascular/catheter
Techmet Corporation	Allen, H.E.	IN	Physical therapy & surgery
Technicon Instruments Corp.	Margoshes, M.	IN	Medical laboratory instruments and supplies
Toshiba Corporation		BOTH	
Tosoh Corporation	Kawahima, K.	BOTH	
Varian Assocs., Inc.	Cole, S.Z.	BOTH	
Wellcome Diagnostics	Coleman, A.J.	IN	Diagnostic reagents and instruments
	Finch, S.	IN	Diagnostic reagents and instruments
Zeria Pharmaceutical Co., Ltd.	Matsumoto, S.	IN	Medical devices for human use

TECHNOLOGY CATEGORY: 27 BIOTECHNOLOGY

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Air Products & Chemicals, Inc.	Lubbers, D.S.	IN	Wastewater and/or groundwater treatment
Allelix Biochemicals	Strachan, G.	BOTH	Human Therapeutics
Allergan, Inc.	Zeleznick, L.D.	IN	
American Cyanamid Co.	Brown, D.G.	IN	
American National Red Cross	Sandberg, H.E.	BOTH	
BP America	Rothbart, J.N.	OUT	
Barnes-Hind, Inc.	Geeting, D.G.	IN	ophthalmic diagnostics (non-instrument related)
Bayer AG	Thomas S.	BOTH	As far as related to pesticides
Becton Dickinson & Co.	Buono, F.	BOTH	Monoclonals, DNA probes, reagents, methods
Bergbau-Forschung GmbH	Kohlmann, E.	OUT	
	Niedergesass-Gahlen	OUT	
Bioenterprises Pty. Ltd.	Irving, A.F.	BOTH	
Biotechnica International, Inc.	Jacobs, N.A.	BOTH	Microbial production systems, genes for plant improvement
Block Drug Co., Inc.	Goodman, J.	BOTH	Dental diagnostics
Boehringer Ingelheim Corporation	Becker, R.	BOTH	
	Fiori, L.J.	BOTH	

TECHNOLOGY CATEGORY: 22 ENERGY (GENERATION, DISTRIBUTION AND CONTROLS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
MAN B&W Diesel GmbH	Hehn, H.A.V.	OUT	Diesel generating units
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Cogeneration
Prudential Venture Managers, Ltd.	James R.	OUT	Low cost solar cells
R.A.B. Associates	Bull, R.	BOTH	
SAB NIFE AB	Petri, S.	BOTH	Batteries
Toshiba Corporation		BOTH	
Wahlco, Inc.	Sandler, H.E.	IN	Coal burning utility environment

TECHNOLOGY CATEGORY: 23 POLLUTION CONTROL (GAS, LIQUID AND SOLID)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AM&S Metals	Matthews, T.A.	BOTH	
Air Products & Chemicals, Inc.	Ryder, T.G.	BOTH	Wastewater treatment, sludge disposal
Alcatel Austria Aktiengesellschaft	Kunz, W.	BOTH	
Allied-Signal, Inc.	Norman, I.	OUT	Pollution control; flue gas desulfurization
Babcock & Wilcox Espanola, S.A.	De Leon, R.S.	BOTH	Air and water pollution and desalination and depuration plant
Babcock Energy Ltd.	Picton, J.S.	IN	Flue gas treatment plant
Bergbau-Forschung GmbH	Kohlmann, E.	OUT	
	Niedergesass-Gahlen	OUT	
Boeing Company, The	Savage, L.A.	OUT	Wastewater treatment
Combustion Engineering, Inc.	Pileika, V.	BOTH	Environmental protection systems for power plants
Cominco Ltd.	Watson, T.W.	BOTH	Abatement in smelting, refining and fertilizer processes
DST S.A.	Hedge, T.E.	BOTH	Water & liquid waste
Davy Mckee (London) Ltd.	Tudor, R.M.	OUT	Flue gas desulphurisation and water treatment
Descon Engineering (Pvt.) Ltd.	Khan, Z.M.	BOTH	Liquid and solid wastes process
ELF Technologies	Bodelle, J.	BOTH	
Electricity Council Research Centre, The	Gibbs, M.G.	OUT	Liquid and gaseous industrial effluents
Epidyne Limited	Kristensen, P.E.	OUT	Extremely low-emission combustion engines
Foster Wheeler Energy Ltd.	Hall, M.W.	IN	
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	
Harwell Laboratory	Cabell, M.J.	OUT	Software for hazardous material identification and efficient disposal planning
Hitachi Metals, Ltd.	Tanaka, H.	OUT	Water treatment equipmentd
Kerr-McGee Corporation	Addison, W.G.	IN	
Kyowa Hakko Kogyo Co., Ltd.		BOTH	
Martin Manco & Co.	Matlack, L.R.	BOTH	Soil & water clean-up systems
Micro-Image Technology Ltd.	Marriott, P.J.	BOTH	
Mitsubishi Cable Industries, Ltd.		OUT	Pollution control
Occidental Chemical Corporation	Viswanathan, K.	IN	Pollution control and waste treatment technologies
Perstorp AB	Dahlgren, G.	BOTH	
Philips SPA	Azzolina, A.	BOTH	
R.A.B. Associates	Bull, R.	BOTH	
Rhone Poulenc	Flichy, L.	OUT	Control of Nox emission from nitric acid plant
Shell Internationale Research Maatschappij	Van Zutphen, J.A.	BOTH	
Simon Carves Ltd.	Morris, C.	IN	
Stauffer Chemical Company	Sheehan, J.D.	IN	
Taki Chemical Co., Ltd.		BOTH	Water treatment chemicals and processing
Technip, Inc.	Fussman, F.	IN	
UHDE GmbH	Mundo, K.J.	BOTH	Design & construction of prod. plants & engrg. services
USC Engineers & Consultants, Inc.	Urey, D.S.	OUT	Fume suppression, ammonia and acid gas removal & recovery systems
Union Carbide Corp.	Francis, J.A.	BOTH	
W.L. Gore & Associates (U.K.) Ltd.	Forrester, H.R.	BOTH	
WRC Processes	Wordingham, V.	BOTH	
Wahlco, Inc.	Sandler, H.E.	IN	Gas & liquid in coal burning utility environment
Weyerhaeuser Company	Taylor C.	BOTH	

TECHNOLOGY CATEGORY: 24 INSTRUMENTS, DEVICES, CONTROLS AND SYSTEMS

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AMCOR Ltd.	Shaw, N.W.	BOTH	Particularly use of computers/control system in manufacturing
Automatic Timing & Controls Company, Inc.	Houpt, G.K.	BOTH	Controls, sensors

TECHNOLOGY CATEGORY: 19 ELECTRICAL AND ELECTRONIC EQUIPMENT (TRANSMISSIONS, INDUSTRIAL APPARATUS, HOUSEHOLD APPLIANCES, SECURITY, SAFETY AND WARNING ALARMS PLUS VIDEO AND SOUND REPRODUCTION)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Swedish Administration of Telecommunications, The		BOTH	
Texas Instruments Incorporated	Donaldson, R.	BOTH	
Toshiba Corporation		BOTH	
Tosoh Corporation	Kawahima, K.	BOTH	
Upjohn Company, The	Schwartz, P.B.	OUT	
Varian Assocs., Inc.	Cole, S.Z.	BOTH	
Vickers, Incorporated	Walrad, J.F.	BOTH	Industrial apparatus
Villares Informatica	Vani Fucci, T.	BOTH	

TECHNOLOGY CATEGORY: 20 MECHANICAL MACHINERY AND EQUIPMENT (CONSTRUCTION, MANUFACTURING, AIR CONDITIONING HEAT EXCHANGERS, VENDING AND MACHINE TOOLS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Atlas Copco AB	Sandberg, H.	BOTH	
Babcock & Wilcox Espanola, S.A.	De Leon, R.S.	BOTH	Equipment goods, cranes, railways, etc.
Babcock Energy Ltd.	Picton, J.S.	BOTH	Steam generating equipment nuclear and fossil
Bergbau-Forschung GmbH	Kohlmann, E.	OUT	Mine ventilation and air conditioning, roadway drive technology, winning and face conveying technology
Bergen Diesel A/S	Niedergesass-Gahlen	OUT	Diesel engines 1 - 3.5 MW
Boeing Company, The	Slettemoen, P. Savage, L.A.	OUT	Robot accessories, adaptive control, mfg. of composites, optical fiber & wire processing, drilling & cutting
British Aerospace Plc.	Cookson, B.	BOTH	
Butagaz (Shell Francaise)	Van Rossem, L.J.	BOTH	LPG distribution/filling equipment/safety devices/gas burners
COFAP-Companhai Fabricadora De Pacas	DeLima, M.	IN	Mechanical machinery and equipment (construction, manufacturing, air conditioning heat exchangers, vending and machine tools)
Caterpillar Inc.	Thompson, W.S.	BOTH	
Danfoss A/S	Brodersen, A.H.	BOTH	Components hydraulic
Descon Engineering (Pvt.) Ltd.	Khan, Z.M.	BOTH	Construction and manufacturing
ECR Technologies, Inc.	Roberts, J.H., Jr.	OUT	Refrigerant controls for air conditioning, heat pumps, etc.
EDO Corporation	Hegarty, M.J.	BOTH	Airborne ejection systems
Epidyne Limited	Kristensen, P.E.	BOTH	Compressors, expanders, airmotors
Federal-Mogul Corp.	Hess, R.	BOTH	Bearings, seals, saws, cutting tools
Figgie International Inc.	O'Brien, J.R.	BOTH	Fire protection
Gallagher Group	Gallagher, W.M.	IN	Agricultural equipment
HASP International Limited	Douglas, M.	BOTH	Hardware & operating systems for windows and sliding doors
Hillard Lyons Patent Mgmt.	Earley, A.L.	OUT	Advanced construction materials
IMI plc	Millar, J.S.	BOTH	Heat exchanges and drinks dispensing
Jawca Pty. Ltd.	Thomas, A.	BOTH	
MAN B&W Diesel GmbH	Hehn, H.A.V.	OUT	Exhaust gas turbochargers
Martin Marietta Energy Systems, Inc.	Winchell, B.M.	OUT	
McPherson's Limited	Monger, B.F.	BOTH	Manufacture of pumps, industrial fasteners and cutlery
Metalgesellschaft, AG	Rosenberger, H.P.	OUT	Electrowinning/electrorefining (copper)
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	OUT	
O&K Orenstein & Koppel Aktiengesellschaft	Cordes, G.J.	BOTH	Construction & crushing machinery
OMFB	Kardos, P.	BOTH	
Paravan AB	Hogberg, B.	BOTH	
Pegasus Sewing Machine Mfg. Co., Ltd.		BOTH	
Philco International Company	Cooper, W.G.	OUT	Room air conditioners
Product Genesis, Inc.	Haggerty, M.K.	BOTH	
R.A.B. Associates	Bull, R.	BOTH	
Regie Nationale Des Usines Renault	Srour, E.	BOTH	Manufacturing - machine tools
SKF AB	Kristiansen, A.P.	BOTH	Bearings, tools, grinding machines, bearing applications
Samsung Electronics Co., Ltd.		BOTH	
Shannon Development Co., Ltd.	Slattery, G.	BOTH	Incineration equipment
Shell Internationale Research MY BV	Jongbloed, H.P.	BOTH	
Stein Industrie	Perot, F.	BOTH	Heat exchange
Swedish Administration of Telecommunications, The		BOTH	
Teijin Seiki Co., Ltd.	Hayasaka, M.	BOTH	Textile machinery, forming machine and press (in only), hydraulic equipment, electrical automatic machine such as robots

TECHNOLOGY CATEGORY: 17 PAINTS, VARNISHES, COATING AND ADHESIVES

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
3M	Paterson, W.G.	IN	High technology adhesives and adhesive
Mitek, Inc.	Parker, J.R.	OUT	Encapsulation of pigments and fillers
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Underwater painting, polymer cement
Monsanto Company	Biance, R.B.	BOTH	Crosslinker resins, pressure sensitive adhesives
National Research Laboratories	Katona, A.M.	OUT	Plating process; copper on aluminum and zinc, electroless; preservatives for water-based latexes, emulsions, biocides/ biostabilizers
Rgie Nationale Des Usines Renault	Srou, E.	BOTH	
Reichhold Chemicals, Inc.	Beyts, D.R.A.	BOTH	Adhesives especially tackifying resins
S.C. Johnson & Son Inc.	Schaefer, E.S.	BOTH	Waxes, finishes
UCB S.A.	DeVos, P.	BOTH	Protective coating resins - pressure sensitive adhesives
W.R. Grace & Co.	Bleeker, R.A.	BOTH	Coatings and adhesives
	Palmer, N.I.		
Weyerhaeuser Company	Taylor C.	BOTH	Packaging, graphics and printing

TECHNOLOGY CATEGORY: 18 COMPUTERS, DATA TRANSMISSION, COMMUNICATIONS AND SOFTWARE

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AMCOR Ltd.	Shaw, N.W.	BOTH	Particularly use of computers/control system in manufacturing
ANT Nachrichtentechnik GmbH	Huber, B.	BOTH	Telecommunication systems, such as microwave radio systems, multiplex systems, space communications systems, telecommunication cable (incl. fiber optic) systems
ATEA N.V.	Roosendaal, E.	BOTH	Telecommunication
Alcatel Austria Aktiengesellschaft	Kunz, W.	BOTH	Telecommunication and manufacturing processes
Ampex Corporation	Talcott, J.D.	BOTH	Re video recording & production equipment, computer peripherals and recording media
Auto-trol Technology Corporation	Sauer, A.J.	BOTH	CAD/CAM
BP America	Rothbart, J.N.	OUT	
Bionics A/S	Brodey, W.M.	BOTH	Interactive systems and software
Boeing Company, The	Savage, L.A.	OUT	Testing and control equipment
British Aerospace Plc.	Cookson, B.	BOTH	
COFAP-Companhia Fabricadora De Pacas	DeLima, M.	IN	Computers, data transmission, communications and software
CRA Services Limited	Bellamy, H.	IN	
Dataproducts Corporation	Lambeth, N.	BOTH	
Dennemeyer & Co.	Dennemeyer, J.J.	BOTH	Development of software for patents & trademarks
ENTELE	de Los Santos, M.	BOTH	Software & communications for defence, value added networks, finance
Fuji Xerox Co., Ltd.	Oda, F.	BOTH	
Fujitsu Limited	Iseki, G.	BOTH	
GECO A.S.	Furu, H.	BOTH	
Harwell Laboratory	Cabell, M.J.	OUT	Specialized software for industrial processes
Hewlett-Packard Co.	Fox, S.P.	BOTH	
Horizonte Venture Management GmbH	Krejs, F.R.	BOTH	
IBM Australia Ltd.	Lieberman, D.	BOTH	
IBM de Columbia S.A.	Linares, A.	BOTH	Computers, data transmission, communications and software
IMI pic	Millar, J.S.	BOTH	IBM compatible software
Kinloch Electronics Ltd.	Hutton, R.	IN	Manufacture
3M	Barnes, J.C.	BOTH	Data transmission
Marathon Oil Co.	Burdge, D.	BOTH	Software-reservoir modeling and other petroleum applications
	Hummel, J.		
Marion Laboratories, Inc.	Gardner, S.M.	IN	
Martin Marietta Energy Systems, Inc.	Winchell, B.M.	OUT	
Matsushita Electric Industrial Co., Ltd.	Noishiki, I.	BOTH	
McPherson's Limited	Monger, B.F.	BOTH	Re printing and directories
Mita Industrial Co., Ltd.		BOTH	Facsimile
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	OUT	Software for CAD, CAE, FA
National Computing Centre Limited, The	Brandwood, F.M.	BOTH	
Nokia Telecommunications	Ruikka, T.	BOTH	Digital switching and transmission, cellular mobile telephone systems
Norsk Hydro Fertilizers Limited	Firman, A.J.	BOTH	Computers and software
OMFB	Kardos, P.	BOTH	
Philips Electronics Holdings Ltd.	Tymbios, C.C.	BOTH	
Philips SPA	Azzolina, A.	BOTH	
Pilkington P.E. Ltd.	Warner, R.	IN	
Procordia Nova AB	Storakers, O.	BOTH	
Regie Nationale Des Usines Renault	Srou, E.	BOTH	Software
Samsung Electronics Co., Ltd.		BOTH	
Swedish Administration of Telecommunications, The		BOTH	



TECHNOLOGY CATEGORY: 14 DRUGS (HUMAN AND ANIMAL MEDICINAL PRODUCTS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Roberts Pharmaceutical Corporation	Rascio, A.A.	BOTH	
Roussel UCLAF	Dache, C.A.	BOTH	
	Ursini, J.	BOTH	Human
SANOFI		BOTH	
Sandoz Pharmaceuticals Corp.	DuBois, M.J.	IN	Antidepressants, analgesic, antihistamine, neuroleptic, anti-diabetic, antihyperlipidemic
Schering-Plough Corp.	McDaniel, G.	BOTH	O.T.C.
	Mugford, D.J.	BOTH	
	Oppenheimer, C.H.	BOTH	O.T.C.
Shannon Development Co., Ltd.	Slattery, G.	IN	Animal vaccines/antibiotics
Shiseido Co., Ltd.		IN	New drugs for feminine
Smith & Nephew Associates Companies PLC	Horlington, M.	BOTH	Topical ophthalmics, dermatological, antibacterial intravenous vials, delivery system
Smith Kline & French Laboratories	Actor, P.	BOTH	Human
	Beck, T.		
	Northcott, R.		
Smith Kline Beckman Corp.	Brown, D.H., Jr.	IN	Human
Squibb Diagnostics	Brown, R.J.	BOTH	Medical diagnostic imaging agents
Sterling Drug Inc.	Hegedus, J.S.	BOTH	Prescription, OTC and consumer products
Syntex Corporation	Brown, K.D.	IN	Human pharmaceuticals, especially cardiovascular, gastrointestinal, anti-inflammatory/analgesic, dermatology and reproductive physiology
Syntex Laboratories, Inc.	Haskitt, R.R.	IN	
	Hong, E.	BOTH	
Technology Licensing & Acquisitions	Ellis, K.O.	BOTH	Human medical products
Tosoh Corporation	Kawahima, K.	BOTH	
UCB S.A.	Arino, J.	BOTH	Human medicinal products
Union Explosivos Rio Tinto, S.A.	Conde, M.	IN	
Upjohn Company, The	Andonian, J.K.	BOTH	
	Lemin, A.J.	BOTH	
	IPollack, N.M.	BOTH	
	Schwartz, P.B.	IN	
Vifor S.A.	Duccini, G.	OUT	
Wallace Laboratories	Nelson, R.W.	IN	Cardiovascular, respiratory & analgesic
Warner-Lambert Co.	Dykstra, N.L.	BOTH	Human medicinal products
	Pearson, D.S.	BOTH	
	Walsh, R.J.	BOTH	Drugs, both ethical and OTC
Wyeth-Ayerst Research	Baker, A.P.	BOTH	
Zeria Pharmaceutical Co., Ltd.	Matsumoto, S.	BOTH	Human use drugs

TECHNOLOGY CATEGORY: 15 PACKAGING, GRAPHICS AND PRINTING

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AMCOR Ltd.	Shaw, N.W.	BOTH	
Allied-Signal, Inc.	Norman, I.	BOTH	Specialty packaging films: polyimides, fluoropolymer, nylon, PVC
American National Can Co.	Astolfi, E.G.	BOTH	Mainly plastics - barrier sheet & films; bottles; tubes, (licensing and/or equity)
	Webster, T.X.		
Avery	Brodhead, L.F.	OUT	Pressure sensitive labels
COFAP-Companhia Fabricadora De Pacas	DeLima, M.	IN	Packaging, graphics and printing
Coates Brothers PLC	Frew, J.	Both	Printing inks for all printing processes
	Howie, R.B.	BOTH	Printing inks for all printing processes
Dainippon Ink & Chemicals, Inc.	Ono, T.	BOTH	
Domtar Inc.	Gauvin, A.H.	BOTH	Packaging boxes containers, corrugated, recycling
Dow Chemical Company, The	Manfroy, W.	BOTH	Packaging especially foam
Drackett Company, The	Shaer, E.H.	IN	
Figgie International Inc.	O'Brien, J.R.	BOTH	Paperboard and glass & metal containers
Gillette Company, The	Gale, W.S.	BOTH	Consumer products packaging
Glidden Company, The	McConnell, P.	BOTH	Packaging
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	
Hellerbond Technology Company	Leatherman, A.F.	OUT	Process for heat sealing plastics
Hillard Lyons Patent Mgmt.	Earley, A.L.	OUT	Applicators and marking pens
Innovative Design Co. Pty. Ltd.	Woinarski, D.A.	OUT	
Kraft Inc.	Staackmann, J.W.	BOTH	Packaging
Kureha Chemical Industry Co., Ltd.		BOTH	Food packaging materials
McPherson's Limited	Monger, B.F.	BOTH	
Metal Box Plc	Rastall, M.K.	BOTH	Packaging and printing
Mita Industrial Co., Ltd.		BOTH	Laser printer

TECHNOLOGY CATEGORY: 12 INDUSTRIAL ORGANIC CHEMICAL PRODUCTS AND PROCESSING  
(SYNTHETIC, COAL, BIO- AND PETRO- CHEMICALS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
W.R. Grace & Co.	Bleeker, R.A. Palmer, N.I.	IN	Industrial organic, especially petro-chemical
Wahlco, Inc. Westvaco Corporation	Sandler, H.E. Leithead, R.B. Mulligan, D.D.	IN BOTH	Especially in coal burning utility environment

TECHNOLOGY CATEGORY: 13 AGRICULTURAL CHEMICALS (FERTILIZERS AND PESTICIDES)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
American Cyanamid Co.	Brown, D.G.	IN	
Arco Chemical Technology, Inc.	Jaros, M.S.	BOTH	
Babcock & Wilcox Espanola, S.A.	De Leon, R.S.	BOTH	Nursery, irrigation tecnics, new tree varieties, etc.
Babcock Woodall-Duckham Ltd.	Gosden, D.V.	BOTH	Phosphate and nitrate fertilizers
Bayer AG	Thomas S.	BOTH	Herbicides, fungicides and insecticides
Bechtel, Inc.	Mayur, D.	IN	Agricualtural chemicals
Biotechnica International, Inc.	Jacobs, N.A.	IN	Genes for plants, soil bacteria, biopesticides
CDF Chimie Group	Marthe, J.P.	BOTH	Fertilizers nitric acid
COFAP-Companhia Fabricadora De Pacas	DeLima, M.	IN	Agricultural chemicals (fertilizers and pesticides)
Celgene Corporation	Fithian, L.E.	BOTH	Ag. chemical - pesticide intermediates
Cominco Ltd.	Watson, T.W.	BOTH	Inorganic fertilizers
Coopers Animal Health	Pay, P.W.	IN	Pesticides for use in animal health
DSM	Hoogstraten, W.C.R.	IN	
Dainippon Ink & Chemicals, Inc.	Ono, T.	BOTH	
Davy Mckee (London) Ltd.	Tudor, R.M.	OUT	Not pesticides
Dragados Y Construcciones	Pollastrini, F.	BOTH	Fertilizers
ICI Agrochemicals	Smith, W.	IN	
ICI Americas Inc.-Agricultural Product	McClelland, R.C.	IN	Agricultural chemicals-pesticides for crop protection
INCITEC Ltd.	Hauff, T.	BOTH	
Kureha Chemical Industry Co., Ltd.		BOTH	Pesticides and fungicides
Kyowa Hakko Kogyo Co., Ltd.		BOTH	
LONZA Ltd.	Kepler, T.	BOTH	
M.W. Kellogg Company, The	Peterson, J.L.	BOTH	
Metallgesellschaft, AG	Rosenberger, H.P.	BOTH	
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Underwater painting, polymer cement
National Research Laboratories	Katona, A.M.	OUT	Agro-nutrients; antimicro-bials; anti-infective agents
Pennwalt Corp.	Eichelberger, J.L.	BOTH	Including fungicides
	Wagner, L.A.	BOTH	
Rentokil Group Pic	Lawson, T.	BOTH	With particular reference to pest control
Rhone-Toulenc Agruchimie	Wells, F.B.G.	BOTH	Excluding fertilizers
Roussel UCLAF	Dache, C.A.	BOTH	
	Orsini, J.	BOTH	Pesticides
S.C. Johnson & Son Inc.	Schaefer, E.S.	BOTH	Urban insecticides/repellents
SANOFI		BOTH	
SNIA BPD SpA	Bravo, A.F.	BOTH	Including biotechnology
Taki Chemical Co., Ltd.		IN	Growth regulator for plant; growth hormone for plant
Technip, Inc.	Fussman, F.	IN	
Tosoh Corporation	Kawahima, K.	BOTH	
Toyo Engineering Corporation	Ito, H.	OUT	Urea manufacturing technology
UCB S.A.	Devos, P.	OUT	Fungicides
Union Explosivos Rio Tinto, S.A.	Conde, M.	BOTH	Fertilizers and pesticides processes
Weyerhaeuser Company	Taylor, C.	BOTH	Fertilizers and pesticides

TECHNOLOGY CATEGORY: 14 DRUGS (HUMAN AND ANIMAL MEDICINAL PRODUCTS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
ANAQUEST	Lippert, R.	BOTH	Particularly acute care pharmaceuticals
Allelix Biochemicals	Strachan, G.	BOTH	
Allergan, Inc.	Zeleznick, L.D.	BOTH	Drugs (human and animal medicinal products)
American Cyanamid Co.	Brown, D.C.	IN	
American National Red Cross	Sandberg, H.E.	BOTH	Drugs (human and animal medicinal products)
Antigenics, Inc.	Berkoff, C.E.	BOTH	Drugs for immune type diseases
Arco Chemical Technology, Inc.	Jaros, M.S.	BOTH	
BOC Group Inc., The	Pearlman, R.T.	BOTH	Anesthetics and analgesics
Barnes-Hind, Inc.	Geeting, D.G.	IN	Ophthalmic pharmaceuticals especially for chronic treatment

TECHNOLOGY CATEGORY: 11 INDUSTRIAL INORGANIC CHEMICAL PRODUCTS AND PROCESSING

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AM&S Metals	Matthews, T.A.	BOTH	Zinc, lead copper chemicals
Allied-Signal, Inc.	Norman, I.	BOTH	Anhydrous hydrofluoric acid process technology, elemental fluorine
Arco Chemical Technology, Inc.	Jarosz, M.S.	BOTH	
Ashland Chemical	Hart, J.F.	BOTH	
	Venne, V.F.		
Babcock Woodall-Duckham Ltd.	Gosden, D.V.	BOTH	General inorganic chemicals production and processing
Bechtel, Inc.	Mayur, D.	IN	Industrial inorganic and organic processing
Bionics A/S	Brodey, W.M.	BOTH	Substitutes for freon, nontoxic, non flammable sensor systems- lightweight, inexpensive, especially films
Boeing Company, The	Savage, L.A.	OUT	Metal cleaning, plating and anodizing processes and controls
British Nuclear Fuels plc	Potts, R.Y.	OUT	Fluorine & solvent extraction processes
DSM	Hoogstraten, W.C.R.	IN	Synth. ceramics
DST S.A.	Hedge, T.E.	BOTH	Chloralkali technology
Davy McKee (London) Ltd.	Tudor, R.M.	BOTH	
Descon Engineering (Pvt.) Ltd.	Khan, Z.M.	IN	Hydrogenperoxide, fiber glass, leather chemicals
Dow Chemical Company, The	Manfroy, W.	BOTH	Industrial inorganic chemical products
Dragados Y Construcciones	Pollastrini, F.	BOTH	
E. Merck	Heumann, J.	IN	Reagents, pigments and monocrystals
ELF Technologies	Bodelle, J.	BOTH	
ELTECH Systems Corporation	Tomov, N.	BOTH	Electrochemical technology - apparatus/processes
Electricity Council Research Centre, The	Gibbs, M.G.	OUT	Recovery of metals from dilute solutions and full production
Foster Wheeler Energy Ltd.	Hall, M.W.	BOTH	
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	
Hillard Lyons Patent Mgmt.	Earley, A.L.	OUT	Filtering and separation media and membranes
Humphreys & Glasgow Ltd.	Winter, C.L.	BOTH	
ICI Chemicals & Polymers Ltd.	Henstridge, P.	BOTH	Chlor-alkali production, electrochemistry and electrodes
IMI (TAMI) Institute for Research & Development Ltd.	Raz, I.	BOTH	Solvent extraction of phosphoric acid
Johnson Matthey PLC	Connor, H.	BOTH	Very high purity chemicals
Kerr-McGee Corporation	Addison, W.G.	IN	
L'Air Liquide	Carbonell, E.	BOTH	Fabrication of industrial and specialty gases
LONZA Ltd.	Keppler, T.	BOTH	
London & Scandinavian Metallurgical Co. Limited	Crowther, C.L.	BOTH	Plastics lens polishes; rare earth products, including glass polishes; hard metal powders
M.W. Kellogg Company, The	Peterson, J.L.	IN	
Metallgesellschaft, AG	Rosenberger, H.P.	BOTH	Specialty chemicals
Micro-Image Technology Ltd.	Marriott, P.J.	BOTH	
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Underwater painting, polymer cement
Occidental Chemical Corporation	Viswanathan, K.	IN	
PQ Corporation	Posner, E.G.	BOTH	Fine particle inorganic materials for use in separations, ceramics and superconductors; silicates-silicas & derivatives
	Posner, E.G.	IN	Zeolites, catalysts
Pennwalt Corp.	Wagner, L.A.	BOTH	
Rentokil Group Plc	Lawson, T.	BOTH	Relating to wood presuring chemicals, paints, lacquers
Rhone Poulenc	Flichy, L.	OUT	Wet phosphoric acid production-nitric acid-diluted & concentrated
Simon Carves Ltd.	Morris, C.	IN	
Stauffer Chemical Company	Sheehan, J.D.	BOTH	
Taki Chemical Co., Ltd.		BOTH	Specialty chemicals, ceramics
Technip, Inc.	Fussman, F.	IN	
Tosoh Corporation	Kawahima, K.	BOTH	
UHDE GmbH	Mundo, K.J.	BOTH	Design & construction of prod. plants & engrg services
Union Explosivos Rio Tinto, S.A.	Conde, M.	BOTH	Inorganic chemical processing
W.R. Grace & Co.	Bleeker, R.A.	IN	Industrial inorganic chemical products
	Palmer, N.I.		

TECHNOLOGY CATEGORY: 12 INDUSTRIAL ORGANIC CHEMICAL PRODUCTS AND PROCESSING (SYNTHETIC, COAL, BIO- AND PETRO- CHEMICALS)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Air Products & Chemicals, Inc.	Craig, R.G.	OUT	
Allied-Signal, Inc.	Norman, I.	BOTH	Organic: phenol/acetone; caprolactam tar products, fluorochemicals
American Cyanamid Co.	Rau, R.L.	BOTH	Improved process for manufacture of mono nitro benzene
Arco Chemical Technology, Inc.	Jarosz, M.S.	BOTH	
	Klingebiel, W.J.	BOTH	Process/product for propylene oxide, styrene, isobutylene methylmethacrylate, butanediol and isocyanates
	Van de Castle, J.	BOTH	Oxygenated chemicals, urethanes, gasoline additives
Ashland Chemical	Hart, J.F.	BOTH	
	Venne, V.F.	BOTH	

TECHNOLOGY CATEGORY: 06 PETROLEUM REFINING, PRODUCTS AND PROCESSING

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Underwater painting, polymer cement
Neochem Corporation	Arai, R.	BOTH	
Richard J. Gay	Gay, R.J.	OUT	
Shell International Petroleum Co., Ltd.	Thrush, A.M.	BOTH	Processes
Shell Internationale Research Maatschappij	Van Zutphen, J.A.	BOTH	
Shell Internationale Research MY BU	Jongbloed, H.P.	BOTH	
Stauffer Chemical Company	Sheehan, J.D.	OUT	
Technip, Inc.	Fussman, F.	BOTH	
Toyo Engineering Corporation	Ito, H.	OUT	Heavy oil upgrading technology

TECHNOLOGY CATEGORY: 07 RUBBER AND PLASTIC PRODUCTS AND PROCESSING

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AMCOR Ltd.	Shaw, N.W.	BOTH	Particularly packaging applications/paper plastic composites
American Cyanamid Co.	Rau, R.L.	BOTH	Plastics stabilizers-UV absorbers and antioxidants
Bay Medco	Florence, D.	BOTH	High gas barrier thru films
Bionics A/S	Brodey, W.M.	IN	
Borg-Warner Chemicals, Inc.	Purcell, T.O.	BOTH	Additives and novel thermoplastics processing
COFAP-Companhia Fabricadora De Pacas	DeLima, M.	IN	Rubber and plastic products and processing
Compagnie de Raffinage	Olivier, R.	BOTH	Plastics additives
Cyanamid	Kaufman, E.D.	IN	
DSM	Hoogstraten, W.C.R.	IN	Plastic products & process
Dow Chemical Company, The	Manfroy, W.	BOTH	
E.I. DuPont de Nemours & Co., Inc.	Coburn, M.M.	BOTH	Plastic product processing
Foster Wheeler Energy Ltd.	Schmidt, E.H.Jr.	BOTH	Process for heat sealing plastics
GenCorp Inc.	Hall, M.W.	IN	
Grace Industrial Chemicals, Inc.	Rote, F.C.	BOTH	Production of specialty synthetic elastomers
Hellerbond Technology Company	Goodman, E.M.	BOTH	
Herdillia CChemicals Limited	Leatherman, A.F.	OUT	Latex, synthetic polymers
Innovative Design Co. Pty. Ltd.	Pandia, R.M.	BOTH	
Japan Synthetic Rubber Co., Ltd.	Woinarski, D.A.	OUT	High performance elastomers of all types
LONZA Ltd.	Tamaka, Y.	BOTH	
London International Group plc	Kepler, T.	BOTH	Flexible cellular plastics
3M	Halliday, R.P.	BOTH	
Martin Manco & Co.	Paterson, W.G.	IN	Rubber and plastic products and processing
Metal Box Plc	Matlack, L.R.	BOTH	
Mitsubishi Cable Industries, LTd.	Rastall, M.K.	BOTH	Coatings
Mitsubishi Rayon Co., Ltd.	Iwasaki, Y.	BOTH	
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	BOTH	Underwater painting, polymer cement
Monsanto Australia Limited	Dun, A.	IN	Thermoplastic elastomer
Monsanto Company	Blance, R.B.	BOTH	
Norsk Safetech AS	Jacobson, C.T.	OUT	Rubber & plastic products
Polyplastics Co., Ltd.	Komazawa, H.	IN	
Quantum Chemical Corp., USI Division	Bowles, W.A.	BOTH	Composites for motor car, aircraft & space
Repsol Quimica	Achon, M.A.	BOTH	
SNIA BPD SpA	Bravo, A.F.	BOTH	Composite material, engineering plastics
Seitetsu Kagaku Co., Ltd.	Fujimoto, T.	IN	
Sekisui Chemical Co., Ltd.	Izaki, T.	BOTH	Ceramic coatings on metal substrates, and anodized surfaces; asbestos-free joint compounds
Technip, Inc.	Fussman, F.	IN	
Tosoh Corporation	Kawahima, K.	BOTH	Fine ceramics

TECHNOLOGY CATEGORY: 08 STONE, GLASS, CLAY PRODUCTS AND PROCESSING

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
Air Products & Chemicals, Inc.	Lubbers, D.S.	IN	Industrial gas applications pertaining thereto
DST S.A.	Hedge, T.E.	BOTH	Technical ceramics
EDO Corporation	Hegarty, M.J.	BOTH	Piezo electric ceramics
Electricity Council Research Centre, The	Gibbs, M.G.	BOTH	Glass melting
GECO A.S.	Furu, H.	BOTH	Glass
Hillard Lyons Patent Mgmt.	Earley, A.L.	BOTH	Ceramic coatings on metal substrates, and anodized surfaces; asbestos-free joint compounds
Hitachi Metals, Ltd.	Tanaka, H.	IN	Fine ceramics
Martin Marietta Energy Systems, Inc.	McKenzie-Wardwell, D.	OUT	Encapsulation process
Mitek, Inc.	Parker, J.R.	BOTH	
Mitsui Engineering & Shipbuilding Co., Ltd.	Kishimoto, K.	IN	Sensors
Scientific Design Company, Inc.	Muenz, K.	BOTH	Catalysts
Technip, Inc.	Fussman, F.	IN	Ceramic wall & floor tiles, sanitary ware, dinnerware, crystal glass
Villeroy & Boch A.G.	Planz, E.	BOTH	

TECHNOLOGY CATEGORY: 04 PULP AND PAPER, WOOD PRODUCTS AND LUMBER

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AMCOR Ltd.	Shaw, N.W.	BOTH	Industrial gas applications pertaining thereto Paper chemicals - strength resins & sizing agents (substitutes for resin size)
Air Products & Chemicals, Inc.	Lubbers, D.S.	IN	
American Cyanamid Co.	Rau, R.L.	IN	
Combustion Engineering, Inc.	Pileika, V.	BOTH	Chemical recovery boilers for pulp & paper industry
Cyanamid	Kaufman, E.D.	IN	
Domtar Inc.	Gauvin, A.H.	BOTH	Chemicals especially sizing & strengthening
Dow Chemical Company, The	Manfroy, W.	BOTH	Pulp & paper, inc. fina paper
Electricity Council Research Centre, The	Biggs, M.G.	OUT	Paper & textile coatings
Finnish Sugar Co., Ltd.	Kurkinen, J.	OUT	Wet drying
	Rinkinen, R.	OUT	Paper mass
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	Products or processes involving corn starch
Grain Processing Corporation	Kiser, D.L.	BOTH	
ICI Chemicals & Polymers Ltd.	Henstridge, P.	BOTH	Chlor-alkali production
Kerr-McGee Corporation	Addison, W.G.	IN	
Lymmus Crest	Van Driesen, R.	BOTH	Engineering & project management
MacMillan Bloedel Limited	Rowley, C.A.	BOTH	Pulp & paper wood products and lumber
National Research Laboratories	Katona, A.M.	OUT	Pulp, process fluids conditioning agents; biocides, emulsion/dispersion stabilizers
Sonoco Limited	Murphy, J.J.	IN	Paper only
Stein Industrie	Perot, F.	BOTH	Chemical heat recovery
Technip, Inc.	Fussman, F.	IN	
Van Leer Services B.V.	Spier van Zwicht, O.	BOTH	Disposals for the fast food industry/consumers
Westvaco Corporation	Leithead, R.B.	BOTH	Pulp & paper
	Marcontell, W.A.	BOTH	Associated machinery and converting
	Mulligan, D.D.	BOTH	Pulp and paper
Weyerhaeuser Company	Taylor, C.	BOTH	
Wiggins Teape R&D Ltd.	Govier, J.C.	BOTH	Coating & conversion of paper and paper like material; electron beam curing; new products-coated; methods of producing images on paper

TECHNOLOGY CATEGORY: 05 PLASTICS (RESINS, PROCESSES AND EQUIPMENT)

COMPANY NAME	COMPANY CONTACT	LICENSE INTEREST	SPECIFIC AREA OF INTEREST
AMCOR Ltd.	Shaw, N.W.	BOTH	Particularly packaging applications/paper plastic composites Special applications
Akzo Fibers & Polymers	Durville, H.B.J.	BOTH	
Allied-Signal, Inc.	Norman, I.	BOTH	
Arco Chemical Technology, Inc.	Klingebiel, W.J.	BOTH	Plastics: nylon, polyester, polyimide and fluorocarbon engineered plastics and specialty films; high density PE; water treatment polymers
	Van de Castle, J.	BOTH	Product/process for polystyrene, polymethyl-methacrylate and polyurethanes
Ashland Chemical	Hart, J.F.	BOTH	
	Venne, V.F.		Polystyrenic processes, foam products
BF Goodrich Company, Geon Vinyl Division	Puckett, L.M.	BOTH	Vinyl chloride monomer & suspension PVC
Barnes-Hind, Inc.	Geeting, D.G.	IN	Contact lens materials, designs and processes
Bay Medco	Florence, D.	BOTH	
Bechtel, Inc.	Mayur, D.	IN	Plastics
Boeing Company, The	Savage, L.A.	OUT	Composites, high temp resins
Borg-Warner Chemicals, Inc.	Purcell, T.O.	BOTH	Thermoplastic materials, high heat plastics
Budd Company, The	Vergoz, J.	BOTH	Molding compounds, processes as for example SMC, RTM, RIM
Byk Gulden Lombers Chemische Fabrik GmbH	Felgenhauer, F.	IN	Plastic additives, insulating materials
CDF Chimie Group	Marthe, J.P.	BOTH	Resins, manufacturing processes
COFAP-Companhia Fabricadora De Pacas	DeLima, M.	IN	Plastics (resins, process and equipment)
Compania Espanola De Patroleos, S.A.		BOTH	Resins and processes
DSM	Hoogstraten, W.C.R.	IN	Resins, processes
Dainippon Ink & Chemicals, Inc.	Ono, T.	BOTH	
Dow Chemical Company, The	Manfroy, W.	BOTH	Plastics-resins & process especially foam plastic
Drackett Company, The	Shaer, E.H.	IN	
E.I. DuPont de Nemours & Co., Inc.	Coburn, M.M.	BOTH	Resins
	Schmidt, E.H., Jr.	BOTH	
ELF Technologies	Bodelle, J.	BOTH	
Finnish Sugar Co., Ltd.	Kurkinen, J.	BOTH	Resins for immobilization of enzymes
	Rinkinen, R.		
Foster Wheeler Energy Ltd.	Hail, M.W.	IN	
GenCorp Inc.	Rote, F.C.	BOTH	Latices
Grace Industrial Chemicals, Inc.	Goodman, E.M.	BOTH	
Hellerbond Technology Company	Leatherman, A.F.	OUT	Process for heat sealing plastics

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**INTERNATIONAL TECHNOLOGY DIRECTORY**  
**LETTER OF INTRODUCTION**

Dear LES Member:

This Sixth Edition of the International Technology Directory (ITD) is for your use in locating members who represent technology sources and technology outlets. Contact information is purposely omitted from the ITD as it is designed to be used in conjunction with the Membership Directory, both sent only to LES members worldwide thanks to the support of LES USA/Canada and LES International. The ITD Committee would be very interested in your reaction to the publication and its usefulness and your thoughts for improvements to the next edition, scheduled for 1990. All members will be contacted for changes or additions to their listing at that time.

Interestingly, many members again refused permission to publish their responses in a public database, e.g., DIALOG, LEXIS, etc., so the ITD will not be published in that manner this year.

Every effort was made to include as many responses as possible. Although the official cutoff date was February 15, we were able to include all responses which reached us by April 1. There were still several responses which reached us after that date and we are sorry we could not include these. Several questionnaires were returned without information other than company name. Due to the large number of responses, time deadlines, and our budget, we were unable to chase down these people for further information. We hope you will understand. Since the ITD is not designed to be a legal directory, we have omitted those responses listing only routine legal services. We have taken all reasonable steps to assure the accuracy of information in the ITD but make no guarantee against errors as several questionnaires were illegible. Finally, it is the responsibility of each member who requested a listing to comply with the legal and ethical standards that apply to each of them.

The Committee hopes that you find the ITD of value and that you will let us know how we can make the next edition even more valuable to you.

T. O. Purcell, Editor

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