

VICE PRESIDENT AND CONTROLLER  
1752 Van Hise Hall / 1220 Linden Drive / Madison, Wisconsin 53706 / 608 / 262-1311

April 15, 1976

Mr. Gersten Sadowsky  
Patent Attorney  
Division of General Law  
Office of the Solicitor  
United States Department of the Interior  
Washington, D. C. 20240

Dear Mr. Sadowsky:

Re: Patent Application - Serial No. 508,013  
for "Magnetic Ore Separator," by  
Roger W. Boom, et al. (MIN-2195)

The University of Wisconsin requests that the Department of the Interior-Bureau of Mines grant to it an exclusive license, with the right to grant sub-licenses, under the patent pending referred to above. The Wisconsin Alumni Research Foundation, which administers inventions and patents on behalf of the University, would be the University's designee to vigorously pursue the necessary sub-licensing under the exclusive license requested herein. We believe the University is the only institution with the interest and scientific competence to work with industry in the development of a commercially successful magnetic ore separator. Substantial funding, in addition to interest and scientific competence, will be required to bring the ore separator to the point of commercial application. Several funding approaches may be taken, depending on the wishes of particular companies; one alternative might be as follows: (amounts indicated are gross estimates)

	<u>Grant to Univ.</u>	<u>Expended Directly by Company</u>
Additional Research & Development	\$150,000	
Design & Construction of Demonstration Plant	100,000	\$ 400,000
Construction of Full-Scale Separator		<u>1,000,000</u>
<b>Total</b>	<b>\$250,000</b>	<b>\$1,400,000</b>

With the requested exclusive license, we believe we can be in the best position to attract the needed funds. Preliminary discussions have been held with several companies which have indicated an interest in the magnetic ore separator. Patent protection through and beyond the commercial development stage was considered by the interested companies to be essential to justify the large capital investment.

April 15, 1976

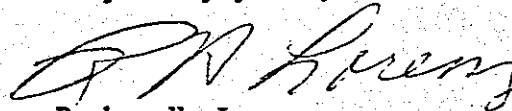
The policy of the Wisconsin Alumni Research Foundation is to seek first to license patents on a non-exclusive basis. If these efforts fail, licenses with limited exclusivity are offered. In either event, an unequivocal requirement is included that the licensee effectively pursue real development activity and report on such activity semiannually. If at any time W.A.R.F. determines that development activity is lacking, it may terminate the license agreement.

In further support of our request, I would like to provide evidence of the effectiveness of the technology transfer capabilities of the University and W.A.R.F. The University has institutional patent agreements with H.E.W. and N.S.F. These agreements were awarded only after a complete review of our patent programs by each agency. In addition, D.O.D. has also approved our technology transfer program and is offering advance waivers of patent rights in its contracts. W.A.R.F. was created in 1925 and has been licensing faculty patents assigned to it since that time. All of W.A.R.F.'s net income is donated to the University for further research as determined by the University -- presently over \$4,000,000 is so generated annually. W.A.R.F. is the most successful organization of its kind in the nation.

The invention disclosure leading to this patent was submitted to the contracting officer on June 8, 1973. Much of the time since that date was spent in submitting unsuccessful requests to the Department of the Interior asking that the University and W.A.R.F. be given permission to apply for the patent, with title vesting in W.A.R.F., and with a royalty-free license to the Government. I understand that the Department of the Interior disapproved the request because of the lack of legal authority. I sensed that, with legal authority, the Department would have been disposed to approve the request. I mention these matters hoping that this request may be given prompt attention and that a review of previous correspondence will provide additional supporting information.

Thank you.

Very truly yours,



Reuben H. Lorenz  
Vice President  
and Controller

RHL:lad

c: Professor R. W. Boom  
Dean W. R. Marshall  
Mr. Howard Bremer ✓