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November 24, 1997

Mr. Jim Ronkainen, Project Manager
REMINGTON ARMS COMPANY, Inc.
Research & Development Technology Center
315 W. Ring Road
Elizabethtown, KY 42701-9318

Dear Jim,

Thank you for your hospitality during my recent visit. I have been discussing the manufacture of Remington's components with my co-workers and will be presenting a report through IAMS. In the mean time, I thought that Remington Arms could well benefit from joining our Consortium on Cost Effective High Performance Milling. Conventional milling constitutes a substantial portion of your manufacturing process. The next generation technology in milling is the use of High-Speed Milling. Published literature lists many success stories where productivity increases of two to six times have been observed.

We have started the Consortium on Cost Effective High Performance Machining with the goal of improving machining operations for producing discrete parts. Some of the technologies addressed by the consortium include a) High-Speed Milling, b) Hard Turning and c) Process Oriented CAM Systems. I have included a copy of our proposal. Currently, the consortium has the following members:

Alcoa Forged Products	General Motors North American Operations
Chessen Group, Inc.	General Motors Powertrain
Cincinnati Milacron	Kennametal, Inc.
Cummins Engine Co.	Institute of Advanced Manufacturing Sciences
Dapra Corp.	Makino, Inc.
Eaton Corp.	

We could start by testing the feasibility of high-speed milling of your components on our Makino A55. Please let me know if this is of interest to Remington Arms.

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Regards,



Dr. Nuri Akgerman
Associate Director

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