FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 11-29-2000



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Name (line 1) Jack A. Erickson	Month Day Year	
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Name (line 1) Federal Cartridge Company	If document to be recorded is an assignment and the	
Name (line 2)	receiving party is not domiciled in the United States, an appointment	
Address (line 1) 900 Ehlen Drive	of a domestic representative is attached. (Designation must be a	
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PATENT

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Address	Area Code and Telephone Numbe	r 612/339-0120
Name Everett J. Schroeder		
Address (line 1) 222 South 9th Street		
Address (line 2) Suite 2870 Piper Jaffray Tower		
Address (line 3)		
Address (line 4) Minneapolis, MN 55402		
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	Authorization to charge additional fees:	Yes No No
Statement and Signature		
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indicated herein.	94 / 0	Let 30, 2000
Everett J. Schroeder Name of Person Signing	Signature	Date
Rume of Ferson Signing	F. S. G. Burgan	- 4.0

PATENT REEL: 011270 FRAME: 0598

ASSIGNMENT

WHEREAS, I, Jack A. Erickson, residing at 4725 162 Lane NW, Andover, Minnesota 55304, am the inventor and owner of the entire right, title, and interest ir and to certain improvements in an invention for NON-TOXIC, HEAVY-METAL-FREE SHOTSHELL PRIMER MIX, disclosed in my application for United States Letters Patent executed by me of even date herewith; and

WHEREAS, Federal Cartridge Company, a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having its principal place of business at 900 Ehlen Drive, Anoka. Minnesota 55303, is desirous of acquiring the entire right, titie, and interest in and to said invention and in and to the said application for any and all countries, and in and to any and all Letters Patent and in and to any and all Design Letters Patent of any and all countries which may be granted thereon;

NOW, THEREFORE, Be It Known that for and in consideration of the sum of One Dollar (\$1.00), in hand paid to me by the said Federal Cartridge Company, and for other good and valuable considerations, the receipt of all of which is hereby acknowledged, I hereby sell, assign, and transfer unto Federal Cartridge Company, its successors, and assigns, the entire right, title, and interest, legal and equitable, in and to said invention and in and to the application for United States Letters Patent and in and to any and all Letters Patent or Design Letters Patent of any and all countries which may be granted thereon; and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue, in accordance with this Assignment, any and all Letters Patent and any and all Design Letters Patent which may be granted on said invention.

Signed at Anoka, Minnesota, this 18th day of Olobor, 2000.

| Jack A. Erickson |
| STATE OF MINNESOTA |

COUNTY OF SAUTE | SS

On this 16 day of 0ct 1081. 2000, before me, a Notary Public within and for said county, personally appeared Jack A. Frickson, to me known to be the identical person who executed the foregoing instrument, and he acknowledged to me that he executed the same as his free act and deed.

Notary Public

PATENT
RECORDED: 10/30/2000 REEL: 011270 FRAME: 0599