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NKD 6-29-99

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07-02-1999



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torney Reference: 32140-143156

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Please	record the attached original document(s) or copy(les) thereof.				
1.	Name of party conveying the interest:				
	Ernst-Wilhelm ALTENAU				
	Siegmar FISCHER				
	Günter SIKORSKI				
	Ralf AUMUND-KOPP				
	Margret KLÜTSCH				
2.	Name and address of party receiving the interest:				
	Rheinmetall W & M GmbH				
	Heinrich-Ehrhardt-Strasse 2				
	D-29345 Unterlüss, Germany				
3.	Description of the interest conveyed or transaction to be recorded:				
	[X] Assignment [] Other:				
4.	Application Number: 09/286,838				
	Patent Number:				
	Registration Number:				
	Document filed together with a patent application executed on				
	•				
5.	Address correspondence concerning this request to: VENABLE, BAETJER, HOWARD &				
	CIVILETTI, LLP, P.O. Box 34385, Washington, D.C. 20043-9998.				
6.	Number of Applications, Patents or Registrations and total fee:				
	Patents: 1 patent rights @ \$40 Total: \$40.00				
	-or-				
	Trademarks: First trademark right @ \$40				
	additional trademark rights @ \$25 \$ Total: \$				
	If no fee is attached, or if a greater or lesser fee is required, please charge or credit out Account No.				
	19-3700.				
7.	Date of execution of document: April 29, 1999				
.8.	If document is an assignment of a trademark right to an assignee who is not domiciled in the United				
	States, such assignee has designated a domestic representative				
	[] per attached designation [] other:				
9.	To the best of knowledge and belief of the undersigned, the foregoing information is true and correct				
	and any attached copy is a true copy of the original document.				
	$t \times t \wedge $				
10.	Date: June 29, 1999				
10.	Dute. Julie 27, 1777				

Registration Number: 21,016

Gabor J. Kelemen

Name:

00000117 09286838 06/30/1999 HLE111 40.00 OP

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PATENT

REEL: 010059 FRAME: 0245

WHEREAS Ernst-Wilhelm ALTENAU of Duisburg, Siegmar FISCHER of Celle, Günter SIKORSKI of Düsseldorf, Ralf AUMUND-KOPP of Lüneburg and Margret KLÜTSCH of Frechen, all of Germany hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to SPIN-STABILIZED ARTILLERY PROJECTILE HAVING GAS PRESSURE EQUALIZING MEANS for which said assignor has caused an application for United States Letters Patent to be prepared, the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office; said application having been filed in the United States Patent and Trademark Office on [X] April 6, 1999 Serial Number [if known] Not yet assigned; said application having been filed under the Patent Cooperation Treaty on , Serial No. _____, the United States of America being designated. AND WHEREAS Rheinmetall W & M GmbH Heinrich-Ehrhardt-Strasse 2 D-29345 Unterlüss, Germany hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith. EXECUTED, this 29th day of April , 1999. **ASSIGNOR:** WITNESSES: Signature: Name: Ernst-Wilhelm ALTENAU I hereby certify that the Patent and Trademark Office has advised that the application identified herein has been

VENABLE, BAETJER, HOWARD & CIVILETTI, LLP, Washington, D.C.

Address: STOCKWEG 80

45 461 MÜLHEIM

CONTINUED

assigned Application Number 09/286,838.

Date: June 29, 1999

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Gabor J. Kelemen (Reg. No. 21,016)

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2

Attorney Docket 32140-143156

Title: <u>SPIN-STABILIZED ARTILLERY PROJE</u>	CCTILE HAVING GAS PRESSURE EQUALIZIN	G MEAN
EXECUTED, this 29 th day o	of April	, 1999.
WITNESSES:	ASSIGNOR:	
Signature:	Signature: / luyman + sile	<u>-</u>
Name: Duke Dang	Name: Siegmar FISCHER	
Address: 29588 Octzen		
Moor well		
Signature: Alfred Kuth		
Name: ALFRED KURTH		
Address: STOCKWEG 80		
45481 MÜLHEIM		
EXECUTED, this 29 th day of _	April	, 1999.
WITNESSES:	ASSIGNOR:	
Signature: 75 7	Signature: Garter of horse	
	Name: Günter SIKORSKI	
Name: Dunje fore Address: 29588 Detect	- Guitti Salioni	
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Worr well		
Signature: Afred Litt		
Name: <u>ALFRED KURTH</u>		
Address: STOCKWEG &C		
454EI MÜLHEIM		
EXECUTED, this 24 day of _	April	, 1999.
WITNESSES:	ASSIGNOR:	
Signature:	Signature: Rall Amount - logg	
Name: Bunge Torg	Name: Ralf AUMUND-KOPP	
Address: 19588 Oct 222	1.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	
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Signature: Affred Kuth		
Name: ALFRED KURTH		
Address: STOCKWEG 80		
45 481 MILL HEIM		

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PATENT REEL: 010059 FRAME: 0247

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 3

Attorney Docket 32140-143156

Title: SPIN-STABILIZED ARTILLERY PROJECTILE HAVING GAS PRESSURE EQUALIZING MEANS

EXECUTED, this	29 th	day of	April			_, 1999.
WITNESSES:			ASSIGNOR:			
Signature:	D-y-		Signature: _	nesgel	Kluss	
Name: 15 is a Address: 29588 0	etzen		Name:	Margret KLÜ	TSCH	
Moor wei b	CFZEN	·				
Signature:	ed Kuth	<u></u>				
Name: ALFRI	ED KURT	H				
Address: STOCK	CUEG 80					
45481	MÜLHEIN	<i>v</i> 1				

PATENT REEL: 010059 FRAME: 0248

RECORDED: 06/29/1999