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VENABLE
ATTORNEYS AT LAW

TO THE HONORABLE COMMISSIONER OF
PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231

Attorney Reference:
32381-150783

REQUEST FOR RECORDING AND COVER SHEET UNDER 37 C.F.R. 3.28 AND 3.31

Please record the attached original document(s) or copy(ies) thereof.

1. Name of party conveying the interest:
Karl-Ulrich VORNFETT
2. Name and address of party receiving the interest:
TZN Forschungs- und Entwicklungszentrum
Neuensothriether Strasse 20
D-29345 Unterlüss, Germany
3. Description of the interest conveyed or transaction to be recorded:
 Assignment Other:
4. Application Number:
Patent Number:
Registration Number:
 Document filed together with a patent application executed on
November 1, 1999
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.
22-0261.
7. Date of execution of document: November 1, 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.
10. Date: November 19, 1999

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Jc678 U.S. PTO
09/443317
11/19/99

Name: Gabor J. Kelemen
Registration Number: 21,016

12/03/1999 SCARNICH 00000029 09443317
02 FC:581 40.00 DP
DC2-DOCS1-170728

ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT

Attorney Docket
32381-150783

WHEREAS Karl-Ulrich VORNFETT of Unterlüss, Germany hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to ELECTRIC CONTACT ASSEMBLY FOR A CARTRIDGE TO BE FIRED FROM A WEAPON BARREL for which said assignor has caused an application for United States Letters Patent to be prepared,

- [X] 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 _____
Serial Number [if known] _____;
- [] said application having been filed under the Patent Cooperation Treaty on _____
Serial No. _____, the United States of America being designated.

AND WHEREAS TZN Forschungs- und Entwicklungszentrum

Neuensothriether Strasse 20

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 x Unterlüss day of Nov. 1st, 1999.

WITNESSES:

ASSIGNOR:

Signature: S. Buhr

Name: Subine Buhr

Address: Zum Farnberg 59,

D-29351 Heringen, Germany

Signature: [Signature]

Name: Andreas Kubitz

Address: Ostlandstr. 7d

D-29573 Hambühren

Signature: x Karl-Ulrich Vornfett

Name: Karl-Ulrich VORNFETT

VENABLE, BAETJER, HOWARD & CIVILETTI, LLP, Washington, D.C.
DC2-DOC51-165551