# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2994773

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name                      | Execution Date |
|---------------------------|----------------|
| NORBERT KOHNEN            | 07/23/2014     |
| DR. BERTHOLD BAUMANN      | 07/23/2014     |
| DR. RALF-JOACHIM HERRMANN | 07/23/2014     |

### **RECEIVING PARTY DATA**

| Name:           | RHEINMETALL WAFFE MUNITION GMBH |
|-----------------|---------------------------------|
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| City:           | UNTERLUSS                       |
| State/Country:  | GERMANY                         |
| Postal Code:    | 29345                           |

### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14310456 |

### **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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| ATTORNEY DOCKET NUMBER: | RHEIN0088  |
|-------------------------|--|
| NAME OF SUBMITTER:      | BRIDGET D. BURKE   |
| SIGNATURE:              | /bburke/   |
| DATE SIGNED:            | 08/25/2014   |
|                         | This document serves as an Oath/Declaration (37 CFR 1.63). |

#### **Total Attachments: 3**

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PATENT 502948175 REEL: 033599 FRAME: 0643

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# ASSIGNMENT and DECLARATION under AIA

The undersigned (bereinafter collectively referred to as "ASSIGNOR"), in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby sells, assigns and transfers to

# Rheinmetall Waffe Munition GmbH

(hereinafter referred to as "ASSIGNEE"), of

Check if additional pages are attached.

### Heinrich-Ehrhardt-Str. 2 Unterfüss 29345 GERMANY

|   | Unterlüss 29345  | GERMANY   |  |         |
|---|--|---|--|---------|
| the entire right, title and interest for invention (hereinafter "INVENTION  | the United States of AN") entitled:  | merica as defined i   | in 35 U.S.C. §100, in the  |         |
|   | MORT   | AR  |  |         |
| for which ASSIGNOR has executed   | l an application for Ut  | nited States Patent   |  |         |
| on this date (check if Assi   | gament and application at  | e executed on same date   | )  |         |
| filed on [ June 2   | 0, 2014 ] (check   | ii Assignment is execut   | ted after application)   |         |
| as United States Patent App   | wyres<br>Sication No.  | 14/310,456  |  |         |
| 92 Other sumes casen selec  |  | (Insert if known)   |  |         |
| and legal representatives, deemed e to the INVENTION hereby transfer  Each of the inventors collectively r  (1) the above-identified application: | itents on the INVENT to testify and to execuse the sential by ASSIGNE and t | ion; ite any papers for A E to ASSIGNEE'S  OR hereby expressi authorized by me; original joint inven- tatement made here  | SSIGNEE, its successors, as full protection of and title in  | in the  |
| ASSIGNOR hereby author any further information necessary of the Inventorial (Please type)   | rizes Joerg-Uwe Szipl<br>or desirable for record<br>Sign   | and Griffin & Sziplation.   | I, P.C. to insert in this Assign <u>Date Signed</u> July 23, 2014  | iment   |
| (I) Norbert KOHNEN  | (Anke HASEI  |   | , <u>accommens to the commens to the c</u> |         |
| (3)   | Deceased-legal repre   | esentative signing be   | CW.  | 000¢    |
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| (7)   | ·····  | www.coccocccccccccccccccccccccccccccccc   | ***************************************  | A.W.    |

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Rheinmetall Waffe Munition GmbH

(hereinafter referred to as "ASSIGNEE"), of

# Heinrich-Ehrhardt-Str. 2

| ι   | Jnterlüss   | 29345 GERM  | ANY   |   |
|---|---|---|---|---|
| the entire right, title and interest for the invention (hereinafter "INVENTION")  | : United Sta<br>entitled:   | ates of America as  | s defined in 35 U   | .S.C. §100, in the  |
| ·   | 1   | MORTAR  |   |   |
| for which ASSIGNOR has executed an  | ı applicatio  | on for United State   | es Patent   |   |
| on this date (check if Assignment   |   |   |   |   |
| filed on [ June 20,   | 2014  | ] (check if Assignme  | ent is executed after   | application)  |
| as United States Patent Applic  |   | 17073310  | 1,400   |   |
| and all applications on the INVENTIC reissues thereof, and all resulting pater ASSIGNOR hereby agrees to and legal representatives, deemed esse to the INVENTION hereby transferred  Each of the inventors collectively refe (1) the above-identified applic (2) I believe that I am the orig above-identified application; (3) I hereby acknowledge that | nts on the I testify and ential by As d; erred to as A cation was einal invent t any willfu | NVENTION; to execute any pa SSIGNEE to ASS  ASSIGNOR hereb made or authorize tor or an original i | pers for ASSIGN IGNEE'S full prove expressly decked by me: oint inventor of the made herein is pure | NEE, its successors, assigns otection of and title in and ares the following:  the invention claimed in the |
| 1001 by fine or imprisonment of not n   |   |   |   |   |
| ASSIGNOR hereby authorize<br>any further information necessary or of<br>Full Name of the Inventor(s)<br>(Please type)   | s Joerg-Uv<br>lesirable fo  | we Szipl and Griff<br>or recordation.<br>Signature  | in & Szipl, P.C.  | to insert in this Assignment  Date Signed   |
| (1)   | <u> </u>  |   |   |   |
| (2) Dr. Berthold Baumann  | Bogh  | old Be  |   | July 23, 2014   |
| (3)   |   |   | <del></del>   |   |
| (4)   |   |   |   |   |
| (5)   |   |   | -   |   |
| (6)   |   |   |   |   |
| (7)   |   |   |   |   |
| Check if additional pages are attached.   |   |   | ٠   |   |

## ASSIGNMENT and DECLARATION under AIA

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### Rheinmetall Waffe Munition GmbH

(hereinafter referred to as "ASSIGNEE"), of

RECORDED: 08/25/2014

### Heinrich-Ehrhardt-Str. 2 Unterlüss 29345 GERMANY

the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100. In the invention (hereinafter "INVENTION") entitled:

| 1  | MORTAR .  | •  |
|--|---|--|
| for which ASSIGNOR has executed an applicatio  | n for United States Patent  |  |
| on this date (check if Assignment and appl    June 20, 2014  |   |  |
| MonthDecVess as United States Patent Application No  | 14/310,456<br>(iteast if known)   | _  |
| and all applications on the INVENTION, including reassues thereof, and all resulting patents on the II ASSIGNOR hereby agrees to testify and and legal representatives, deemed essential by AS to the INVENTION hereby transferred;                                      | SVENTION;<br>to execute any papers for A  | SSIGNEE, its successors, assigns   |
| Each of the inventors collectively referred to as A  (1) the above-identified application was r  (2) I believe that I am the original inventor above-identified application;  (3) I hereby acknowledge that any willful  1001 by fine or imprisonment of not more than 5 | nade or authorized by me,<br>or or an original joint invent<br>I faise statement made herei<br>ve (5) years, or both; and | tor of the invention claimed in the make the materials in the materials of |
| ASSIGNOR hereby authorizes loerg-Us-<br>any further information necessary or desirable for<br>Full Name of the Inventorist<br>(Please type)  | e Szipi and Griffin & Szipi<br>recordation.<br><u>Signature</u>   | Date Stened  |
| (1)  |   |  |
| or, Dr. Ralf-Joachim Herrmann O. L.  | Jacks Kronen  | July 23, 2014  |
| <u>(i)</u>   |   |  |
| (6)  |   |  |
| Check if additional pages are attached   |   |  |