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**PATENT**

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Name (line 1) Jochen ROSENSTOCK

Month Day Year  
May 26 2000

Name (line 2)

**Second Party**

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

**Receiving Party**

☐ Mark if additional names of receiving parties attached

Name (line 1) Roboth Vertriebsgesellschaft mbH

Name (line 2)

Address (line 1) Rolandstrasse 9

Address (line 2)

Address (line 3) Essen

Germany

45128

City

State/Country

Zip Code

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09557228

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name Shahan Islam, Esq.

Address (line 1) Rosenman & Colin LLP

Address (line 2) 575 Madison Avenue

Address (line 3) New York, New York 10022-2585

Address (line 4) U.S.A.

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**REEL: 011148 FRAME: 0739**

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Area Code and Telephone Number

(212) 940-8564

Name

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**Patent Application Number(s)**

**Patent Number(s)**

If this document is being filed with a new Patent Application, enter the date the patent application  
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Month Day Year

**Patent Cooperation Treaty (PCT)**

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**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41:

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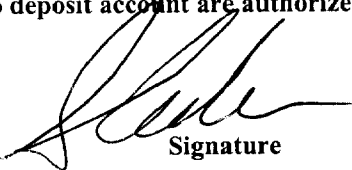
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**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a  
true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Shahan Islam  
Name of Person Signing

  
Signature

August 8, 2000  
Date

**ASSIGNMENT (SOLE)**

WHEREAS, I, Jochen ROSENSTOCK, ASSIGNOR a citizen of

Germany, residing at Knatensweg 21, 31675 Bückeburg, Germany  
Country Home Address  
am the inventor of the invention in Method of Blasting Rock Mass for which I have  
executed an application for a Patent of the United States; and Title of Application

☒ which is executed on X even date herewith or ☐ \_\_\_\_\_  
Date of Execution

☒ which is identified by Rosenman & Colin LLP Docket No. 3001/Andre

☒ which was filed on April 24, 2000, Serial No. 09/557,228

WHEREAS, Roboth Vertriebsgesellschaft mbH, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that we have not executed, or will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 26 day of May, 2000  
(Date) (Month)

Jochen Rosenstock  
Signature