

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jarmo LEPPANEN	05/25/2010
Ockert OOSTHUIZEN	06/07/2010
RECEIVING PARTY DATA	
Name:	SANDVIK MINING AND CONSTRUCTION RSA (PTY) LTD.
Street Address:	64 Jet Park Road
Internal Address:	Jet Industrial Sites
City:	East Rand
State/Country:	SOUTH AFRICA
Postal Code:	1462
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12677026
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Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20036
ATTORNEY DOCKET NUMBER:	7984-98083
NAME OF SUBMITTER:	Norman N. Kunitz
Total Attachments: 2 source=7984-98083_assignment#page1.tif source=7984-98083_assignment#page2.tif	

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Fitch, Even, Tabin & Flannery
One Lafayette Centre
1120 20th Street NW, Suite 750S
Washington, DC 20036

**ASSIGNMENT
OF APPLICATION FOR UNITED STATES LETTERS PATENT**

WHEREAS Jarmo LEPPANEN and Ockert OOSTHUIZEN of East Rand, SOUTH AFRICA, hereinafter referred to as the Assignor, has invented a certain improvement relating to a ELECTRONIC BLASTING CAPSULE 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;
- [X] said application having been filed in the United States Patent and Trademark Office on March 8, 2010, Serial Number 12/677,026 [if known];
- [] said application having been filed under the Patent Cooperation Treaty on September 8, 2008, Serial No. PCT/ZA2008/000080, the United States of America being designated.

AND WHEREAS SANDYIK MINING AND CONSTRUCTION RSA(PTY) LTD., 64 Jet Park Road, Jet Industrial Sites, 1462 East Rand, SOUTH AFRICA, 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 all divisions and continuations thereof, and the said invention and any 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.

AND said Assignor hereby authorize(s) Fitch, Even, Tabin & Flannery of the above address to insert hereon any further identification necessary or desirable for recordation of this document

EXECUTED, this 25 day of May, 2010.

WITNESSES:

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

ASSIGNOR:

Signature:  _____

Name: Jarmo LEPPANEN

**ASSIGNMENT
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EXECUTED, this 7th day of JUNE, 2010.

WITNESSES:

Signature: _____

Name: _____

Address: _____

Signature: _____

Name: _____

ASSIGNOR:

Signature: *O Oosthuizen*

Name: Ockert OOSTHUIZEN