502356044 05/22/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Erik Peter CARTON	02/05/2013

RECEIVING PARTY DATA

Name ⁻	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO
Street Address:	SCHOEMAKERSTRAAT 97
City:	DELFT
State/Country:	NETHERLANDS
Postal Code:	2628 VK

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13825490

CORRESPONDENCE DATA

Fax Number: 2126618002

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212-661-8000

Email: info@Imiplaw.com

Correspondent Name: Lucas & Mercanti, LLP

Address Line 1: 475 Park Avenue South

Address Line 2: 15th Floor

Address Line 4: New York, NEW YORK 10016

ATTORNEY DOCKET NUMBER:	310-1119
NAME OF SUBMITTER:	Christina M. Jordan
Signature:	/Christina M. Jordan/
Date:	05/22/2013

Total Attachments: 1

source=310-1119_Assignment#page1.tif

__OP \$40.00 1:

PATENT REEL: 030463 FRAME: 0388

Our ref.: 310-1119

Client's ref.: HPM/P92135US00

ASSIGNMENT

In Consideration of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned by the Assignee,

Nederlandse Organisatie voor toegepast-natuurwetenschappelijk Onderzoek TNO

a corporation organized under the laws of <u>THE NETHERLANDS</u> receipt whereof is hereby acknowledged, the undersigned by these presents hereby sold, assigned, transferred and set over unto the said assignee the entire right, title and interest in and to the invention or improvement in

EXPLOSIVE CUTTING

said invention being fully described and/or claimed in the application for Letters Patent of the United States of America 1) executed on or before this date, or 2) Serial No. 13/825,490 filed March 21, 2013 in and for the United States and all foreign countries, the same to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And Said Assignee is Hereby Authorized to make application for and to receive Letters Patent for said invention in any of said countries at its election.

And By This Covenant The Undersigned will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention; or any Letters Patent which may be granted therefor in said Assignee, its successors, assigns or other legal representatives, and, upon the request and at the expense of said assignee, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of said assignee, its successors, assigns or other legal representatives.

And The Commissioner of Patents and Trademarks is Hereby Authorized and Requested to issue any and all Letters Patent of the United States for said invention to said assignee.

Dated: <u>1/5/2013</u>	V CTLEAD	L.S.
	Erik Peter CARTON	
Dated:		L.S.

PATENT

REEL: 030463 FRAME: 0389