

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4516756

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ELMAR MULLER	07/06/2017
RECEIVING PARTY DATA	
Name:	DETNET SOUTH AFRICA (PTY) LTD
Street Address:	AECI PLACE, THE WOODLANDS
Internal Address:	WOODLANDS DRIVE, WOODMEAD
City:	JOHANNESBURG
State/Country:	SOUTH AFRICA
Postal Code:	2191
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15531200
CORRESPONDENCE DATA	
Fax Number:	(414)277-0656
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	414-271-6560
Email:	mkeipdocket@michaelbest.com
Correspondent Name:	MICHAEL BEST & FRIEDRICH LLP (MKE)
Address Line 1:	100 E WISCONSIN AVENUE
Address Line 2:	SUITE 3300
Address Line 4:	MILWAUKEE, WISCONSIN 53202
ATTORNEY DOCKET NUMBER:	029643-9044-US01
NAME OF SUBMITTER:	STEPHEN A. GIGOT
SIGNATURE:	/stephen a gigot/
DATE SIGNED:	07/24/2017
Total Attachments: 2	
source=21430617_029643-9044-US01_Executed_Assignment_-_as_filed#page1.tif	
source=21430617_029643-9044-US01_Executed_Assignment_-_as_filed#page2.tif	

ASSIGNMENT

Pursuant to our obligation to DETNET SOUTH AFRICA (PTY) LTD (hereinafter referred to as "Assignee"), a South African corporation having its principal place of business at:

AECI Place
The Woodlands
Woodlands Drive
Woodmead
2191 Johannesburg
South Africa

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I:

Elmar Muller
c/o AECI Place
The Woodlands
Woodlands Drive
Woodmead
2191 Johannesburg
South Africa

confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, my entire right, title and interest in the United States -

(1) in and to inventions described in a patent application titled "ELECTRONIC DETONATOR INITIATION" the specification of which was filed with my authority on November 9, 2015 as International Patent Application No. PCT/ZA2015/050022 (Atty. File No. 029643-9044-US01) (hereinafter the "PCT application"); and

(2) in and to the PCT application, in and to all other U.S. patent applications (including PCT national phase, divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said inventions or claiming the benefit of the PCT application, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted.

I hereby agree that I will, upon demand of Assignee, its successors or assigns, and without further consideration to me, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the

intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

06-07-2017
Date



Elmar Muller