

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIDNEY ALFORD	12/13/2011
ROLAND ALFORD	12/13/2011
RECEIVING PARTY DATA	
Name:	ALFORD RESEARCH LIMITED
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13320908
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ATTORNEY DOCKET NUMBER:	61751/825525
NAME OF SUBMITTER:	Angela M. Rossi
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

OP \$40.00 13320908

ASSIGNMENT
(Patent Application)

We, SIDNEY ALFORD and ROLAND ALFORD the undersigned, have invented certain inventions and improvements disclosed in a utility application entitled "IMPROVEMENTS IN OR RELATING TO EXPLOSIVES," which was filed with the U.S. Patent & Trademark Office on November 17, 2011 and assigned U.S. Serial No. 13/320,908.


In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to sell, assign, transfer, and convey, and hereby sell, assign, transfer, and convey, to ALFORD RESEARCH LIMITED, a company of the United Kingdom, having a principal place of business at Unit 18 Glenmore Business Park, Vincients Road, Bumpers Farm Industrial Estate, Chippenham, Wiltshire SN14 6BB United Kingdom ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C.

§154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.


2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
5. Warrant and represent that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.


Signed on the date indicated beside my signature.

Signature: 
SIDNEY ALFORD

Date: 13th December, 2011

Witnesses:

1. Signed: 
Printed Name SUSAN WILKEY
Address: 4 BLACKTHORN MEWS
CHIPPENHAM
WILTSHIRE SN15 3PG

2. Signed: 
Printed Name CLIVE GALE
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BA14 7PF

ASSIGNMENT
U.S. Serial No. 13/320,908
Filed: November 17, 2011


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Signed on the date indicated beside my signature.

Signature: 
ROLAND ALFORD

Date: 13th December 2011

Witnesses:

1. Signed: 
Printed Name SEAN WILKEY
Address: 4 BLACKTHORN MEWS
CHIPPENHAM
WILTSHIRE SN15 3PG.

2. Signed: 
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