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Client Code: ADADA5.002APC

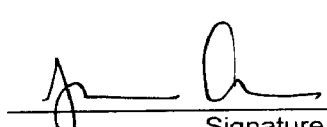


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To the Director, U.S. Patent and Trade

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ed original documents or copy thereof.

<p>1. Name of conveying parties:</p> <p>1) Clifford Gordon Morgan 2) Craig Rimmington</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: African Explosives Limited Street Address: AECI Place, 23/24 The Woodlands, Woodlands Drive City: Woodmead Country: South Africa ZIP: 2191</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>() Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement () Merger () Change of Name () Other:</p> <p>Execution Date:</p> <p>1) October 2, 2007 2) October 2, 2007</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 12/442,107 Filing Date: March 19, 2009</p> <p>Additional numbers attached?</p> <p>() Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: ADADA5.002APC</p>	<p>6. Total number of applications and patents involved: 1</p> <p style="text-align: right;">AUG - 7</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Enclosed</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>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.</p> <p><u>Thomas R. Arno</u> Name of Person Signing</p> <p>40,490 Registration No.</p> <p style="text-align: center;"> Signature</p> <p style="text-align: right;">8/5/09 Date</p> <p>Total number of pages including cover sheet, attachments and document: 2</p>	

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned.

MORGAN, Clifford, Gordon
RIMMINGTON, Craig

hereby sell, assign and transfer to

AFRICAN EXPLOSIVES LIMITED

of **AECI Place, 23/24 The Woodlands, Woodlands Drive, 2191 WOODMEAD, South Africa**
(hereinafter called the Assignee)

the entire right, title, and interest in and to any and all improvements which are disclosed in the PCT International Application designating the United States entitled

MANUFACTURE OF PYROTECHNIC TIME DELAY COMPOSITIONS

which application was

filed on the 19th day of September 2007, under No. PCT/IB2007/053780

including any and all applications for United States Letters Patent based thereon and any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightfully other papers; and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed at MODDERFONTEIN this 2nd day of October
2007

INVENTOR(S): *C. G. Morgan*
MORGAN, Clifford, Gordon

C. Morgan
RIMMINGTON, Craig

WITNESSES: *Z. Snyman*
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