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Atty Docket No. 41577/315565

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<p>1. Name of conveying party(ies):</p> <p>James McDonald CLARK Timothy Graham FOAT Maurice Daverell WALKER Stephen Ray PRESTON</p> <p>Additional names(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: May 11, 2005; May 3, 2005; May 3, 2005; May 3, 2005</p>	<p>2. Name and address of receiving party(ies) Name: <u>THE SECRETARY OF STATE FOR DEFENCE</u></p> <p>Internal Address _____</p> <p>Street Address: <u>DSTL Porton Down</u></p> <p>City: <u>Salisbury, Wiltshire</u> Country: <u>United Kingdom</u> Postal Code: <u>SP40JQ</u></p> <p>Additional names(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application numbers(s) or patent numbers(s): _____

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)	B. Patent No.(s)
10/534,453	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>John S. Pratt</u> Internal Address: <u>Kilpatrick Stockton LLP</u> <u>Suite 2800</u> Street Address: <u>1100 Peachtree Street</u> City: <u>Atlanta</u> State: <u>GA</u> Zip <u>30309-4530</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> The Commissioner is authorized to charge any deficiency in the required fee or credit any over payment to Deposit Account No. 11-0855.</p> <p><input checked="" type="checkbox"/> Authorized to be charged to credit card</p> <p>8. Deposit account number: <u>11-0855</u></p>
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9. Statement and signature.
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.

Dean W. Russell, Reg. No. 33,452	<u>Dean W. Russell</u>	<u>9 Nov. 2005</u>
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document 04

OP \$40.00 10634453

ASSIGNMENT OF PATENT APPLICATION (US NATIONAL PHASE OF PCT)

(1) James McDonald CLARK

(2) Timothy Graham FOAT

(Inventors) (3) Maurice Daverell WALKER

(4) Stephen Ray PRESTON

(5) _____

(6) _____

In consideration of payment for my employment and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, hereby does assign, transfer and set over to

(Assignee) (6) The Secretary of State for Defence

(Address) (7) DSTL, Porton Down, Salisbury, Wiltshire. SP4 0JQ

(hereinafter designated as the Assignee), the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other (8) _____ in the invention, and all
Countries) applications for patent
 and any Letters Patent which may be granted therefor, known
 as

(Title) (9) Detection
(P1342/USW)

for which the unassigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed


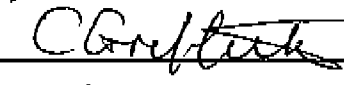
(10) on _____
 or has already filed in


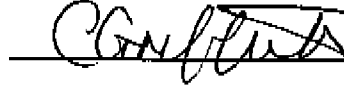
(11) U.S. appln. Serial Number _____
 filed on _____


(12) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

- 1) The undersigned agree(s) to execute all papers and document necessary in connection with the application or any interference which may be declared and any continuing or divisional application thereof and also to execute separate assignments in connection with applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 3) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest hereby assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.
- 4) The undersigned hereby grant(s) the firm of **KILPATRICK STOCKTON LLP** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for record of this document.

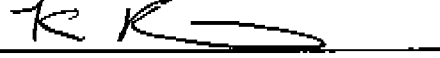
In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).


Date 11/05/2005 Signature of Inventor (1) 
JM CLARK
Date 11/05/05 Witness (1) 
C GRIFFITHS.

Date 03/05/2005 Signature of Inventor (2) 
TG FOAT
Date 03/05/05 Witness (2) 
C GRIFFITHS


Date 3/5/5 Signature of Inventor (3) 

MD WALKER

Date 3/5/5 Witness (3) 

Date 3/5/05 Signature of Inventor (4) 

SR PRESTON

Date 3/5/05 Witness (4) 

C GRIFFITH