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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Stephen Malcolm Kelly Neil Lester Campbell Warren Lee Duffy		2. Name and address of receiving party(ies): Name: <u>QinetiQ Limited</u> Internal Address: Street Address: <u>Registered Office 85 Buckingham Gate</u> City: <u>London</u> State/Country: <u>United Kingdom</u> Zip: <u>SW1E 6PD</u>	
Additional name/s of conveying party/ies attached? <input type="checkbox"/>		Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other			
Execution Date: <u>March 8, 11, 17, 2004</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>March 8, 11, 17, 2004</u>			
A. Patent Application No(s). (1) <u>10/483,403</u> (2) _____ (3) _____		B. Patent No(s). (1) _____ (2) _____ (3) _____	
Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Arthur R. Crawford</u> Internal Address: _____ Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u>		6. Total number of applications & patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.	
DO NOT USE THIS SPACE			
9. Statements 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. <div style="display: flex; justify-content: space-between;"><div>Name of Person Signing <u>Arthur R. Crawford</u> Reg. No. 25,327</div><div>Signature </div><div>Date <u>March 31, 2004</u></div></div> Total number of pages including original cover sheet, attachments, and document: <u>[7]</u>			

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PATENT
REEL: 015208 FRAME: 0765

ASSIGNMENT OF PATENT APPLICATION

(
(**KELLY, Stephen Malcolm**
(**CAMPBELL, Neil Lester**
(**DUFFY, Warren Lee**
(Inventors)

In consideration of past and future employment, and my (our) obligation to assign intellectual property generated as result of my (our) employment, the receipt and sufficiency of which consideration is hereby acknowledged, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee)
(Address) (**QinetiQ Limited**
(of Registered Office 85 Buckingham Gate, London, SW1E 6PD
(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other
Countries)
(Title) (in the invention, and all application for patent and any Letters
Patent which may be granted therefore, known as
LIQUID CRYSTAL COMPOUNDS (Case No. **P3227/USW**)
for which the undersigned 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 (on _____ or has already filed in _____
(U.S. appln. Serial No. 10/483,403, filed on _____
(The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such 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.

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.

The undersigned hereby authorize(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 herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. 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 recordation of this document.

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

Signature of Inventor _____ Date _____
KELLY, Stephen Malcolm

Witnessed by _____ Date _____

Signature of Inventor Dr. N. Campbell Date 17/03/04
CAMPBELL, Neil Lester

Witnessed by N. Campbell Date 17-03-04

Signature of Inventor _____ Date _____
DUFFY, Warren Lee

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____

Witnessed by _____ Date _____

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

Signature of Inventor Stephen M Kelly Date 11/03/04
KELLY, Stephen Malcolm

Witnessed by P. V. L. Date 11/03/04

Signature of Inventor _____ Date _____
CAMPBELL, Neil Lester

Witnessed by _____ Date _____

Signature of Inventor DUFFY, Warren Lee Date _____

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____

Witnessed by _____ Date _____

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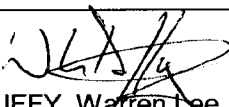
In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Signature of Inventor _____ Date _____
KELLY, Stephen Malcolm

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____
CAMPBELL, Neil Lester

Witnessed by _____ Date _____

Signature of Inventor _____ Date 08.03.04
 DUFFY, Warren Lee

Witnessed by _____ Date 08.03.04
 K. ADLEM

Signature of Inventor _____ Date _____

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____

Witnessed by _____ Date _____

Signature of Inventor _____ Date _____

Witnessed by _____ Date _____