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Commissioner of Patents

P.O. Box 1450

Alexandria, VA 22313-1450				
To the Honorable Commissioner of Patents and Trademarks: Plea				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Tej Paul KAUSHAL				
	Name: QINETIQ LIMITED			
	Internal Address:			
	Street Address: Cody Technology Park, Ively Road			
Additional name/s of conveying party/ies attached?				
3. Nature of conveyance:	City: Farnborough, Hants			
Assignment Merger	State/Country: <u>United Kingdom</u>			
☐ Security Assignment ☐ Change of Name	Zip: GU14 0LX			
Other				
Execution Date: July 15, 2004	Additional name/s & address/es attached? Yes No			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the execution	n date of the application is: July 15, 2004			
n and actually to the property of the property	July 15, 2007			
A. Patent Application No(s).	B. Patent No(s).			
A. Fatent Application No(s). (1) To be assigned	(1)			
	1 ' '			
(2)	(2)			
(3)	(3)			
Additional numbers at				
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:1			
concerning document should be mailed:				
	7. Total fee (37 CFR 3.41) \$			
Name: Stanley C. Spooner				
	Authorized to be charged to deposit account #14-1140			
Internal Address:	-			
	8. The Commissioner is hereby authorized to charge any			
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which			
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter			
8 th Floor	filed in this application by this firm) to our Account No.			
City: Arlington State: VA Zip: 22201	14-1140.			
City. Aimigton State. 111 Zip. 22201	14-1140.			
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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.				
(20)				
Stanley C. Spooner	August 2, 2004			
Name of Person Signing Signa	ture Date			
Reg. No. 27,393				
Total number of pages including original cover sheet, attachments, and document: [3]				
<u> </u>				

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PATENT REEL: 016581 FRAME: 0571 (KAUSHAL Tel Paul

IPD/P7107/USW

ASSIGNMENT OF PATENT APPLICATION

(Inventors)				
(Assignee)	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 (QINETIQ LIMITED			
(Address)	of QINETIQ LIMITED, Cody Technology Park, Ively Road, Famborough, Hants			
	GU14 0LX United Kingdom			
	(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	(in the invention, and all application for patent and any Letters			
Countries)	Patent which may be granted therefore, known as			
(Title)	FOCAL PLANE DETECTOR CALIBRATION APPARATUS AND METHOD			
	(Case No. P7107/USW)			
	for which the undersigned has (have) executed on even date herewith an applical			
	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, 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).

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PATENT REEL: 016581 FRAME: 0572

Signature of Inventor	Tej Paul KAUSHAL	Date	15 JULY 2004
Witnessed by	Duo William	Date	15 July 2001
Signature of Inventor		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	
Signature of Inventor		Date	
Witnessed by		Date .	

RECORDED: 08/02/2004