

RECORDATION FORM COVER SHEET

U.S. Department of Commerce  
Patent and Trademark Office

FORM PTO-1585  
(Rev. 9-93)  
OMB No. 0651-0211 (exp. 4/04)

PATENTS ONLY

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

1. Name of conveying party(ies):  
Nicola Cross

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: May 20, 2003

2. Name and address of receiving party(ies):  
 Name: InfraRed Integrated Systems Limited  
 Internal Address: \_\_\_\_\_  
 Street Address: Towcester Mill  
 City: Towcester, Northants NN12 6AD Country: England

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or registration number(s): 10/441,591, filed on May 20, 2003

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)

Additional numbers attached?  Yes  No

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
20-0782/THOR/0016/WBP

8. Deposit account number:  
20-0782/THOR/0016/WBP

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: William B. Patterson  
 Internal Address: MOSEY, PATTERSON & SHERIDAN, L.L.P.  
 Street Address: 3040 Post Oak Boulevard, Suite 1500  
 City: Houston State: TX Zip: 77056

DO NOT USE THIS SPACE

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.

William B. Patterson, Reg. No. 34,102  
Name of Person Signing

William B. Patterson  
Signature

15 May 03  
Date

Total number of pages including cover sheet, attachments and document: 5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

CH \$40.00 200782 10441591

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses  
of Inventors:

1)	Nicola CROSS 200 Allesley Old Road Coventry CV5 8GJ England	2)	
3)		4)	

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**Improved Detection of Turbulence in Fluids**

for which application for Letters Patent in the United States was filed on May 20, 2003 under Serial No. 10/441,591; and

WHEREAS, InfraRed Integrated Systems Limited a British company having a place of business at Towcester Mill, Towcester, Northants NN12 6AD, England (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for

prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 20<sup>th</sup> May, 2003 Nicola Cross  
Nicola CROSS