

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARTIN THOMAS	11/26/2013
RECEIVING PARTY DATA	
Name:	CAIRN RESEARCH LIMITED
Street Address:	GRAVENEY ROAD
City:	FAVERSHAM, KENT
State/Country:	UNITED KINGDOM
Postal Code:	ME13 8UP
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14077595
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ATTORNEY DOCKET NUMBER:	NMT 323
NAME OF SUBMITTER:	IAN D. GATES
Signature:	/Ian D. Gates/
Date:	12/02/2013
Total Attachments: 4 source=Assignment_NMT323_12-2-13#page1.tif source=Assignment_NMT323_12-2-13#page2.tif source=Assignment_NMT323_12-2-13#page3.tif source=Assignment_NMT323_12-2-13#page4.tif	

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Martin THOMAS

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 26, 2013

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: Cairn Research Limited

Internal Address: _____

Street Address: Graveney Road

City: Faversham, Kent

State: _____

Country: United Kingdom Zip: ME13 8UP

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

14/077,595

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Ian D. Gates

Internal Address: DASCENZO Intellectual Property

Law, P.C.

Street Address: 1000 SW Broadway, Suite 1555

City: Portland

State: Oregon Zip: 97205

Phone Number: (503) 224-7529

Docket Number: NMT 323

Email Address: ian@dascenzoiplaw.com

6. Total number of applications and patents involved: 1**7. Total fee (37 CFR 1.21(h) & 3.41)** \$40.00

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-4551

Authorized User Name Ian D. Gates

9. Signature:

Signature

December 2, 2013

Date

Ian D. Gates

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, I, Martin Thomas, of Faversham, Kent, United Kingdom, believe that I am the inventor of certain improvements in an OPTICAL IMAGING DEVICE, for which a patent application having the above-indicated title was or will be filed with the U.S. Patent and Trademark Office on November 12, 2013 as Serial No. 14/077,595; and

WHEREAS, Cairn Research Limited, a United Kingdom corporation, having its principal place of business in Faversham, Kent, United Kingdom, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, I, Martin Thomas, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Cairn Research Limited the full and exclusive right to the said invention in the United States and its territorial possessions and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all related U.S. patent applications, including divisionals, reissues, continuations and extensions thereof.

I hereby authorize and request the Patent Office officials in the United States to issue any and all of said Letters Patent, when granted, to Cairn Research Limited, as the assignee of my entire right, title and interest in and to the same, for the sole use of Cairn Research Limited, its successors and assigns.

Further, I hereby acknowledge and agree that at the time of execution of this assignment, I have good and full right and lawful authority to execute this assignment and to convey the above-indicated rights to Cairn Research Limited, its successors and assigns. If the serial number and/or filing date of the above-identified patent application are not known or included on this assignment at

the time of execution, I hereby authorize Cairn Research Limited, and its successors and assigns, to add such serial number and/or filing date hereto.

Further, I agree that I will communicate to the said Cairn Research Limited or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all related, divisional, continuation, substitution, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Cairn Research Limited, make all rightful oaths and generally do everything possible to aid Cairn Research Limited, its successors and assigns, to obtain and enforce proper protection for said invention in the United States.

M V Thomas
MARTIN THOMAS
Date: 26 November 2013

Witness:

JAMES KEIRIN
(Printed Name)

[Signature]
(Signature)

HOCMSDALE CANTERBURY RD.
(Address)

FAVELSHAM KENT,
(City, State)

AGREEMENT/ASSIGNMENT DEED

1. I, Martin Thomas, c/o Cairn Research Limited, Graveney Road, Faversham, Kent, ME13 8UP and of British nationality warrant that I am an inventor of the invention entitled "Improved Optical Arrangement for Digital Micromirror Device" and described in the specification under Nash Matthews case reference 1997.00/C which I have read and approved and that at the time of making the invention I was employed by Cairn Research Limited, Graveney Road, Faversham, Kent, ME13 8UP, (hereinafter called "the Employer") as Director and that the invention or part or parts thereof made by me was made in the course of:

- (a) my normal duties or duties specifically assigned to me, and the circumstances thereof were such that an invention might reasonably have been expected to result from my carrying out those duties, or
- (b) my duties and, because of the nature of those duties and my particular responsibilities arising from them, I had a special obligation to further the interests of the Employer,

and therefore belongs to the Employer for all purposes.

2. For the avoidance of doubt I hereby assign to the Employer any right I may have to apply for and be granted a patent for the said invention in the United Kingdom, the United States of America and in any other country absolutely.

3. I will, at the expense of the Employer, execute all such documents and do all such acts and things as may be requested by the Employer for the purposes of applying for and obtaining patent or similar protection in respect of the said invention in any country in the world, in the name of the Employer or in such name as the Employer may direct, and of vesting the said patent or similar protection when obtained in the Employer absolutely. I declare that any such request by the Employer that involves the execution of any document purporting to transfer or assign any rights in the invention for the purpose of obtaining patent or similar protection in any country outside the United Kingdom will not constitute an acknowledgement by the Employer that any right in the invention belongs to me.

Signed and delivered as a deed this 26th day of November 2013

By M V Thomas (Signature of the above named)

In the presence of:

[Signature] (Signature of witness)

JAMES KERIN (Full name of witness)

MARKETING DIRECTOR (Occupation of witness)

HOLMSDALE CANTERBURY B) (Address of witness)

FAVERSHAM KENT ME13 8NQ