PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David R. Walt	05/12/1997
Karri Lynn Michael	05/12/1997

RECEIVING PARTY DATA

Name:	Trustees of Tufts College	
Street Address:	Ballou Hall	
City:	Medford	
State/Country:	MASSACHUSETTS	
Postal Code:	02155	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	6266459

CORRESPONDENCE DATA

Fax Number: (858)736-8428

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: ip@illumina.com Correspondent Name: John T. Murphy

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ATTORNEY DOCKET NUMBER: IP-0099-US

NAME OF SUBMITTER: John T. Murphy

Total Attachments: 3

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> **PATENT REEL: 026871 FRAME: 0378**

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<u>Joint</u>

ASSIGNMENT

WHEREAS, we, David R. Walt and Karri Lynn Michael have invented a certain improvement in FIBER OPTIC SENSOR WITH ENCODED MICROSPHERES described in an application for Letters Patent of the United States, Serial No. 08/818,199, filed March 14, 1997.

WHEREAS, Trustees of Tufts College (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business at Medford, Massachusetts 02155 desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution

PATENT REEL: 026871 FRAME: 0379 of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor: David R. Walt

State/Commonwealth

OF MASSACYUSETTS

County of MIDDLESEX

Then personally appeared before me the above-named David R. Walt and acknowledged that he executed the foregoing instrument as his free act and deed this welve day of may, 1997.

(SEAL)

Agnes R. Mac Donald (print name)

My Commission expires 12/25/2003

PATENT REEL: 026871 FRAME: 0380 Inventor: Am L. M. Charles

State/Commonwealth

of Massachusettes

County of Middlesex

Then personally appeared before me the above-named Karri Lynn Michael and acknowledged that he executed the foregoing instrument as his free act and deed this fuelveth day of MAY, 1997.

(SEAL)

My Commission expires 12 / 25 / 2003

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PATENT REEL: 026871 FRAME: 0381

RECORDED: 09/08/2011