Client Code: ILLINC.59CPCPC2

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (List using letters or numbers for multiple parties) John R. Stuelpnagel, Mark S. Chee, Steven R. Auger, Gan G. Wang, Laura S. Casas, Shawn Christopher Baker, Robert C. Kain Additional name(s) of conveying party(ies) attached? () Yes (X) No 3. Nature of conveyance:	2. Name and address of receiving party(ies): Name: Illumina, Inc. Internal Address: Suite 200 Street Address: 9390 Towne Centre Drive City: San Diego State: CA ZIP: 92121 Additional name(s) of receiving party(ies) attached? () Yes (X) No
(X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) April 21, 2001, April 23, 2001, April 23, 2001, April 20, 2001, April 20, 2001, April 19, 2001	4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 10/767,249 Filing Date: January 28, 2004 Additional numbers attached? () Yes (X) No
 Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: ILLINC.59CPCPC2 	Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account	Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.
is a true copy of the original document. Jerry L. Hefner Name of Person Signing 53,009 Registration No.	g information is true and correct, and any attached copy Oct. 10, 2008 Sture Date sheet, attachments and document: 11
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Documents transmitted via Facsimile to be recorded with required cover sheet information to:

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Facsimile Number: (571) 273-0140

6071734 101008

> PATENT REEL: 021670 FRAME: 0705

ASSIGNMENT (NOT ACCOMPANYING APPLICATION)

WHEREAS, the undersigned, John R, Stuelpnagel, resident of Encinitas, County of San Diego, State of California; Mark S. Chee, resident of Del Mar, County of San Diego, State of California; Steven R. Auger, resident of Norwell, County of Plymouth, State of Massachusetts; Gan G. Wang, resident of San Diego, County of San Diego, State of California; Laura S. Casas, resident of Chula Vista, County of San Diego, State of California, Shawn Christopher Baker, resident of San Diego, County of San Diego, State of California, and Robert C. Kain, resident of Del Mar, County of San Diego, State of California (hereinafter termed "Inventors"), have invented certain new and useful improvements in COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER and has executed an application for a United States patent disclosing and identifying this invention and having Serial No. 09/606,369 and a filing date of June 28, 2000; and

WHEREAS, Illumina, Inc., a corporation of the State of California, having a place of business at 9390 Towne Centre Drive, Suite 200; San Diego, 92121, State of California, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventors' certificates and other forms of protection, including any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications, and every reissue or extensions of any of said patents (hereinafter termed "Patent Rights").

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

- Said Inventors do each hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to all Patent Rights.
- Said Inventors hereby agree that each will, at Assignee's expense,
 (a) cooperate with Assignee in the prosecution and enforcement of the Patent Rights, and (b) execute, verify, testify, acknowledge and deliver all such further facts and documents, including applications, petitions, declarations, paths and instruments of transfer necessary.
- 3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives and assigns.

4. Said inventors each warrant and represent that ne has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said inventors have executed and delivered this instrument to said Assignee as follows:

Date: April 21 , 2001 Jo	Stin R Studenegel
County of San Diego,)	
State of California.	
On this 2/3 day of April, in the year 20 Notary Public of the appeared John R. Stuelphagel, personally known is subscribed to the within instrument, same in his authorized capacity, and that by person, or the entity upon behalf of which the instrument. WITNESS my hand and official seal. Signature Carrelet Haskell	and acknowledged that he executed the his signature on the instrument the
Date: April <u>2.3</u> , 2001	Mark S. Chee
County of San Diego,)	
State of California.	•
On this 23 day of April, in the year 2 appeared Mark S. Chee, personally known to subscribed to the within Instrument, and ack his authorized capacity, and that by his signathe entity upon behalf of which the person a	nowledged that he executed the same in ature on the instrument the person, or
WITNESS my hand and official seal. Signature Cornela Hartell	CARMEA HASKELL Commission # 1185583 Netary Public - California \$ Samp Clara-County MX88444 Series May 31, 2002

Date: April, 2001	Steven R. Auger
County of) ss.	
State of Massachusetts)	
appeared Steven R. Auger, personally subscribed to the within instrument, and	o of the State of California, personally known to me to be the person whose name is acknowledged that he executed the same in signature on the instrument the person, or
WITNESS my hand and official s	eal.
Signature	(seal)
Date: Aprīl <u>20</u> , 2001	Gan G. Wang
County of San Diego,)	
State of California.	•
appeared Gan G. Wang, personally knows subscribed to the within instrument, and	Commission # 1185583

Date:	April	19	, 2001
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Robert C. Kain

County of San Diego,

) ss.

State of California.

WITNESS my hand and official seal.

Signature

Carriela Hankell

(seal)

CARME A HASKEL

Commission # 1185583

Notary Public - California

Santa Clara County

My Comm. Expires May 31; 2002

A-67493-3/DJB/RMS/DCF

(NOT ACCOMPANYING APPLICATION)

WHEREAS, the undersigned, John R, Stuelpnagel, resident of Encinitas, County of San Diego, State of California; Mark S. Chee, resident of Del Mar, County of San Diego, State of California; Steven R. Auger, resident of Norwell, County of Plymouth, State of Massachusetts; Gan G. Wang, resident of San Diego, County of San Diego, State of California; Laura S. Casas, resident of Chula Vista, County of San Diego, State of California, Shawn Christopher Baker, resident of San Diego, County of San Diego, State of California, and Robert C. "Kain, resident of Del Mar, County of San Diego, State of California (hereinafter termed "Inventors"), have invented certain new and useful improvements in COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER and has executed an application for a United States patent disclosing and identifying this invention and having Serial No. 09/606,369 and a filing date of June 28, 2000; and

WHEREAS, Illumina, Inc., a corporation of the State of California, having a place of business at 9390 Towne Centre Drive, Suite 200, San Diego, 92121, State of California, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventors' certificates and other forms of protection, including any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications, and every reissue or extensions of any of said patents (hereinafter termed "Patent Rights").

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

- Said Inventors do each hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to all Patent Rights.
- 2. Said Inventors hereby agree that each will, at Assignee's expense, (a) cooperate with Assignee in the prosecution and enforcement of the Patent Rights, and (b) execute, verify, testify, acknowledge and deliver all such further facts and documents, including applications, petitions, declarations, oaths and instruments of transfer necessary.
- The terms and covenants of this assignment shall inure to the benefit
 of said Assignee, its successors, assigns and other legal
 representatives and assigns.

will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed and delivered this instrument to said Assignee as follows:

Date: April , 2001	Ser w
• • • • • • • • • • • • • • • • • • • •	John R. Stuelpnagel
County of San Diego,) ss.	
State of California.	
appeared John R. Stuelpnagel, personal	of the State of California, personally lly known to me to be the person whose ent, and acknowledged that he executed the t by his signature on the instrument the
WITNESS my hand and official se	eal.
Signature	(seal)
:	
Date: April, 2001	Mark S. Chee
County of San Diego,)) ss. State of California.)	
appeared Mark S. Chee, personally known subscribed to the within instrument, and	of the State of California, personally wn to me to be the person whose name is acknowledged that he executed the same in signature on the instrument the person, or acted, executed the instrument.
Signature	(seal)
•	•

Date: April <u>⊅3</u> , 2001	
	Steven R. Auger
County of plymouth)	
State of Massachusetts)	
appeared Steven R. Auger, persubscribed to the within instrumhis authorized capacity, and that	in the year 2001, before me, Freeze R. Park R. Property Public of the State of California, personally some is sent, and acknowledged that he executed the same in it by his signature on the instrument the person, or the person acted, executed the instrument.
WITNESS my hand and	official seal.
Signature Many Maryle my Commission (Expire market 15 200)	(seal)
Date: April, 2001	Gan G. Wang
County of San Diego,)) ss. State of California.)	
State of Camornia.	
appeared Gan G. Wang, person subscribed to the within instrum his authorized capacity, and that	in the year 2001, before me,
WITNESS my hand and	official seal.
Signature	(seal)

Date: April, 2001	
	Laura S. Casas
County of San Diego,) ss,	
State of California.	
appeared Laura S. Casas, personally k subscribed to the within instrument, and his authorized capacity, and that by his the entity upon behalf of which the pers	c of the State of California, personally mown to me to be the person whose name is diacknowledged that he executed the same in signature on the instrument the person, or son acted, executed the instrument.
WITNESS my hand and official s	
Signature	_ (seal)
g = 6	
Date: April , 2001	
Date. April , 200 ?	Shawn Christopher Baker
County of San Diego,) ss.	
State of California.	•
appeared Shawn Christopher Baker, powhose name is subscribed to the within executed the same in his authorized calinstrument the person, or the entity upon the instrument.	c of the State of California, personally ersonally known to me to be the person instrument, and acknowledged that he apacity, and that by his signature on the on behalf of which the person acted, executed
WITNESS my hand and official s	seal.
Signature	_ (seal)
the second secon	

Date. April, 2001	Robert C. Kain
County of San Diego,)	
State of California.	
appeared Robert C. Kain, personal subscribed to the within instrument, his authorized capacity, and that by	ne year 2001, before me,
WITNESS my hand and offic	ial seal.
Signature	(seal)

. A-67493-3/DJB/RMS/DCF

-5-

PATENT REEL: 021670 FRAME: 0715