

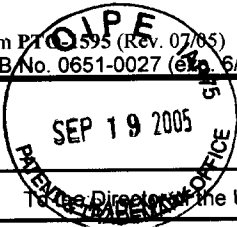
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J.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

Form PTO-595 (Rev. 07/05)
OMB No. 0651-0027 (Rev. 6/30/2008)



RE



103087346

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)

Nels A. Olson
Bahram Ghaffarzadeh Kermani
Hongji Ren
Theo Kotseroglou

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

2. Name and address of receiving party(ies)

Name: Illumina, Inc.

Internal Address: _____

Street Address: 9885 Towne Centre Drive

City: San Diego

State: CA

Country: USA Zip: 92121

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

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

Execution Date(s) 09/09/2005

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/173,952

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John T. Murphy

Internal Address: Illumina, Inc.

Street Address: 9885 Towne Centre Drive

City: San Diego

State: CA Zip: 92121

Phone Number: (858) 202-4711

Fax Number: (858) 202-4599

Email Address: jmurphy@illumina.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 by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 502690

Authorized User Name John T. Murphy

9. Signature:

John T. Murphy
Signature

9/15/05
Date

09/22/2005 DRYRNE 00000192 502690 T. Murphy 11/173952 Reg. no. 50,583

Total number of pages including cover sheet, attachments, and documents: 6

Name of Person Signing

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, the undersigned, Nels A. Olson, resident of San Diego, county of San Diego, state of California, Bahram Ghaffarzadeh Kermani, resident of San Diego, county of San Diego, state of California, Hongji Ren, resident of San Diego, county of San Diego, state of California, and Theo Kotseroglou, resident of San Diego, county of San Diego, state of California (hereinafter termed "Inventors"), have invented certain new and useful improvements in **SYSTEMS AND METHODS FOR AUTOMATED QUALITY CONTROL OF POLYMER SYNTEHSIS** for which an application for a United States Patent was filed on July 1, 2005 having Application Serial No. 11/173,952; and

WHEREAS, Illumina, Inc., a corporation having a place of business at 9885 Towne Centre Drive, 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:

1. 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.
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.

Our Docket No: 01-00020

Serial No.: 11/173,952

Filing date: July 1, 2005

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

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

Date: Sept 9, 2005 *Nels A. Olson*
Nels A. Olson

County of San Diego,)
)ss.
 State of California.)

On this 9th day of September, in the year 2005, before me, Rosalyn M. Espejo, Notary Public of the State of California, personally appeared Nels A. Olson personally known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Signature *Rosalyn M. Espejo*

Our Docket No: 01-00020
Serial No.: 11/173,952
Filing date: July 1, 2005

Date: 9/9/05

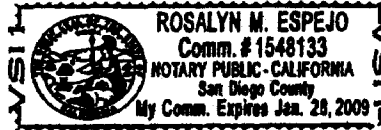
B Ghaffarzadeh Kermani
Bahram Ghaffarzadeh Kermani

County of San Diego,)
)ss.
State of California.)

On this 9th day of September, in the year 2005, before me, Rosalyn M. Espejo, Notary Public of the State of California, personally appeared Bahram Ghaffarzadeh Kermani personally known to me to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Rosalyn M. Espejo



Our Docket No: 01-00020
Serial No.: 11/173,952
Filing date: July 1, 2005

Date: 9/19/05

Hongji Ren
Hongji Ren

County of San Diego,)
)ss.
State of California.)

On this 9th day of September, in the year 2005, before me,
Rosalyn M. Espejo, Notary Public of the State of California,
personally appeared Hongji Ren personally known to me to be the person whose name
is subscribed to the within instrument, and acknowledged that he executed the same in
his authorized capacity, and that by his signature on the instrument the person, or the
entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Rosalyn M. Espejo*



Our Docket No: 01-00020
Serial No.: 11/173,952
Filing date: July 1, 2005

Date: 09/09/2005

Theo Kotseroglou
Theo Kotseroglou

County of San Diego,)
)ss.
State of California.)

On this 9th day of September, in the year 2005, before me,
Rosalyn M. Espejo, Notary Public of the State of California,
personally appeared Theo Kotseroglou personally known to me to be the person whose
name is subscribed to the within instrument, and acknowledged that he executed the
same in his authorized capacity, and that by his signature on the instrument the person,
or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Rosalyn M. Espejo

