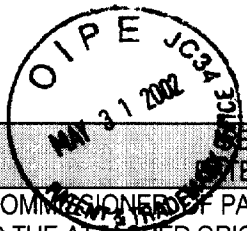


BOX ASSIGNMENTS

06-06-2002

DO NOT USE FOR TRADEMARKS



TO THE ASSISTANT COMMISSIONER OF PATENT AND TRADEMARKS
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

102112772

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

(1) Kenneth E. Goodson 04/09/02
(2) Chuan-Hua Chen 04/08/02
(3) David E. Huber 04/11/02
(4) Linan Jiang 04/17/02
(5) Thomas W. Kenny 05/09/02
(6) Jae-Mo Koo 04/12/02

5-31-02

(7) Daniel J. Laser 04/04/02
(8) James C. Mikkelsen 04/16/02
(9) Juan G. Santiago 04/09/02
(10) Evelyn Ning-Yi Wang 04/08/02
(11) Shulin Zeng 04/08/02
(12) Lian Zhang 04/15/02

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Board of Trustees of the Leland Stanford Junior University

ADDRESS: 900 Welch Road, Palo Alto, California 94304

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

☒ ASSIGNMENT OF ☐ WHOLE ☒ PATENT APPLICATION
☐ ORIGINAL ☐ FACSIMILE/PHOTOCOPY
☐ NAME CHANGE ☐ VERIFIED TRANSLATION
☐ SECURITY ☐ MERGER ☐ OTHER:

EXEC. DATE: appears next to names above

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

A. PAT. APP. NO.(S) Serial No.	FILING DATE	1 st INVENTOR If not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR If not in item 1
10/053,859	01/19/02				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP
Intellectual Property Group
1600 Tysons Boulevard
McLean, VA 22102

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
UNDER ORDER NO 081013/0269268 S01-175
dup. sheet not required

9. STATEMENT AND SIGNATURE. To the best of my knowledge and belief, the foregoing information is true and correct.

Signature

By: David A. Jakopin

Reg. No. 32,995

Atty/Sec: DAJ:kms

60270722

TEL: (650) 233-4500

Date: May 13, 2002

FAX: (650) 233-4545

10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

7

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PATENT
REEL: 012947 FRAME: 0091

PAT-114X 3/01

ASSIGNMENT

WHEREAS, the undersigned:

- (1) Kenneth E. Goodson, Belmont, California
- (2) Chuan-Hua Chen, Stanford, California
- (3) David E. Huber, Mountain View, California
- (4) Linan Jiang, Menlo Park, California
- (5) Thomas W. Kenny, San Carlos, California
- (6) Jae Mo Koo, Stanford, California
- (7) Daniel J. Laser, San Francisco, California
- (8) James C. Mikkelsen, Los Altos, California
- (9) Juan G. Santiago, Fremont, California
- (10) Evelyn Ning-Yi Wang, Stanford, California
- (11) Shulin Zeng, Sunnyvale, California
- (12) Lian Zhang, Sunnyvale, California

(hereinafter collectively "Assignors") have invented certain new and useful improvements in

ELECTROOSMOTIC MICROCHANNEL COOLING SYSTEM

for which an application for Letters Patent was filed in the United States Patent & Trademark Office on *January 19, 2002*, bearing *Serial No. 10/053,859*; and

WHEREAS, **The Board of Trustees of the Leland Stanford Junior University** (hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **CALIFORNIA, STANFORD, CALIFORNIA 94305**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon;

WHEREAS, said Assignors and said Assignee have executed an agreement entitled "Agreement Concerning Rights in Invention."

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and sufficient considerations, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division of said application, continuation of said application, and any continuation-in-part of said application which is subject to said agreement concerning rights in invention; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

2. The Assignors hereby jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the joint and lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same have not entered into any assignment, contract or understanding in conflict herewith.

Date:

04/08/02

(2)

CLT
Chuan-Hua Chen

STATE OF CALIFORNIA)

ss

COUNTY OF SANTA CLARA)

On April 8, 2002, before me personally appeared Chuan-Hua Chen, personally known to me or who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he executed the same in his authorized capacity and that by his signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Sara Nakashima

(Signature of Notary)

Date:

4/11/02

(3)

David E. Huber

STATE OF CALIFORNIA)

ss

COUNTY OF SANTA CLARA)

On April 11, 2002, before me personally appeared David E. Huber, personally known to me or who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he executed the same in his authorized capacity and that by his signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia Lucatero

(Signature of Notary)

[SEAL]

Date:

4/17/02

(4)

Linan Jiang

STATE OF CALIFORNIA)

ss

COUNTY OF SANTA CLARA)

On April 17, 2002, before me personally appeared Linan Jiang, personally known to me or who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he/she executed the same in his authorized capacity and that by his/her signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Kirsten J. Leute

(Signature of Notary)

[SEAL]

Date:

5/7/02

(5)

Thomas W. Kenny

STATE OF CALIFORNIA)

ss

COUNTY OF SANTA CLARA)

On May 09, 2002, before me personally appeared Thomas W. Kenny, ~~personally known to me~~ or who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he executed the same in his authorized capacity and that by his signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia Lucatero

(Signature of Notary)

[SEAL]

Date:

4/12/02

(6)

Jae-Mo Koo

STATE OF CALIFORNIA)

ss

COUNTY OF SANTA CLARA)

On April 12, 2002, before me personally appeared Jae-Mo Koo, ~~personally known to me~~ or who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he/she executed the same in his authorized capacity and that by his ~~her~~ signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia Lucatero

(Signature of Notary)

[SEAL]

Date:

April 4, 2002

(7)

Daniel J. Laser

STATE OF CALIFORNIA)

ss

COUNTY OF SANTA CLARA)

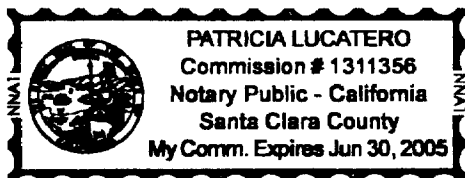
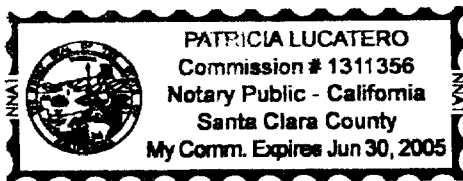
On 04/04/02, before me personally appeared Daniel J. Laser, ~~personally known to me~~ or who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he executed the same in his authorized capacity and that by his signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

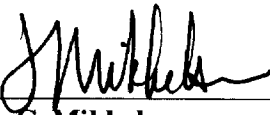
Patricia Lucatero

(Signature of Notary)

[SEAL]



Date: 4/16/02


(8) 
James C. Mikkelsen

STATE OF CALIFORNIA)
 : ss
COUNTY OF SANTA CLARA)

On _____, before me personally appeared James C. Mikkelsen, ~~personally known to me~~ or who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he executed the same in his authorized capacity and that by his signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]


(Signature of Notary)

Date: 4/9/02


(9) 
Juan G. Santiago

STATE OF CALIFORNIA)
 : ss
COUNTY OF SANTA CLARA)

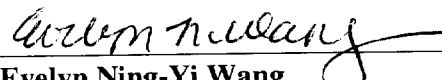
On 4/09/02, before me personally appeared Juan G. Santiago, ~~personally known to me~~ or who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he executed the same in his authorized capacity and that by his signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]


(Signature of Notary)

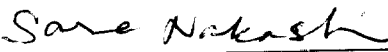
Date: 4/8/02

(10) 
Evelyn Ning-Yi Wang

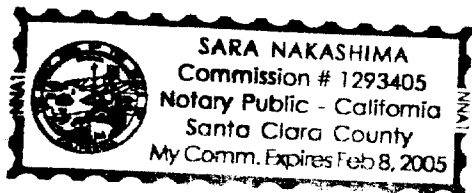
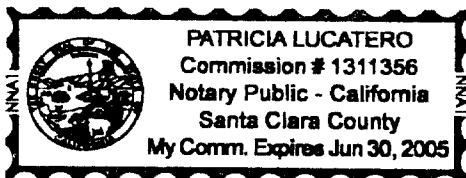
STATE OF CALIFORNIA)
 : ss
COUNTY OF SANTA CLARA)

On April 8, 2002, before me personally appeared Evelyn Ning-Yi Wang, ~~personally known to me~~ or who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that she executed the same in ^{her} authorized capacity and that by her signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


(Signature of Notary)

[SEAL]



Date:

04/08/2002

(11)

Shulin Zeng

STATE OF CALIFORNIA)

ss

COUNTY OF SANTA CLARA)

On April 8, 2002, before me personally appeared Shulin Zeng, ~~personally known to me or who~~ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Sara Nakashima

(Signature of Notary)

Date:

4/15/2002

(12)

Lian Zhang

STATE OF CALIFORNIA)

ss

COUNTY OF SANTA CLARA)

On April 15, 2002, before me personally appeared Lian Zhang, ~~personally known to me or who~~ proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and who acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the within instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Patricia Lucatero

(Signature of Notary)

