

09/22/2008

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U.S. DEPARTMENT OF

COMMERCE

Patent and Trademark Office

Atty. Docket No.: 183269

To the Honorable Commissioner of Patents

103528454

Attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Phil BELGRADER (Sept. 11, 2008)
2) Christopher G. COONEY (Sept. 11, 2008)
3) Robert DOEBLER (Sept. 15, 2008)
4) Anna HICKERSON (Sept. 16, 2008)
5) Bruce IRVINE (Sept. 15, 2008)
6) Ali NADIM (Sept. 15, 2008)
7) James STERLING (Sept. 15, 2008)
8) Reza MIRAGHAIE (Sept. 17, 2008)

Additional name(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: See above next to inventors' names

2. Name and address of receiving party(ies):

Name: AKONNI BIOSYSTEMS

Internal Address:

Street Address: 400 Sagner Avenue
Suite 300

City: Frederick State: MD ZIP: 21701

Additional name(s) & addresses(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: Sept. 11, 15 & 16, 2008

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: Michael Ye, Ph.D.
ANDREWS KURTH LLP
IP DEPARTMENT
1350 I Street, NW
Suite 1100
Washington, DC 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- ☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☒ Authorized to be charged to deposit account

8. Deposit account number:

50-2849

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Michael Ye, Ph.D., Reg. No. 47,195

Name of Person Signing

Signature

September 22, 2008

Date

Total number of pages including cover sheet, attachments, and document: 9

U.S. PTO
12/232669
09/22/2008

Attorney Docket No.: 183269

PATENT APPLICATION

ASSIGNMENT

WHEREAS We:

<u>NAME</u>	<u>RESIDENCE</u>
Phil BELGRADER	89 Robinson Landing Road, Severna Park, MD 21146
Christopher G. COONEY	7991 Heather Mist Drive, Severn, MD 21144
Robert DOEBLER	1616 N. Laurel Avenue, Upland, CA 91784
Anna HICKERSON	3336 Raymond Avenue, Altadena, CA 91001
Bruce IRVINE	412 Willowgrove Avenue, Glendora, CA 91741
Ali NADIM	2725 Shakespeare Drive, San Marino, CA 91108
James STERLING	2521 Wildrose Lane, Upland, CA 91784
Reza MERAGHAIE	4205 Summertime Lane, Culver City, CA 90230

respectively, are the joint inventors of certain inventions or improvements for which we have made application for a Utility Patent of the United States entitled **TEMPERATURE CONTROL DEVICE WITH A FLEXIBLE TEMPERATURE CONTROL SURFACE**; and

WHEREAS, **AKONNI BIOSYSTEMS** of 400 Sagner Avenue, Suite 300, Frederick, MD 21701, a corporation operating under the laws of the state of Maryland, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries of the world;

NOW, THEREFORE, for good and valuable consideration, we have assigned, and do hereby assign, to **AKONNI BIOSYSTEMS**, its successors, assigns and legal representatives ("Nominees") the entire right, title and interest, including the right of priority, in, to and/or under said inventions or improvements throughout the world, said Utility Patent Application, any and all applications for Letters Patent, petty patents and utility model patents of the United States and of countries foreign thereto based on or claiming the priority of said Utility Patent Application, any and all Letters Patent, petty patents and utility model patents which may be granted therefor, and all continuations, divisions, reissues, extensions and renewals thereof ("Letters Patent");

And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute all such papers as may be necessary to perfect the title to said inventions or improvements, applications and Letters Patents in **AKONNI BIOSYSTEMS**, or its successors, assigns, nominees or legal representatives, and we agree to communicate to said **AKONNI BIOSYSTEMS**, or its successors, assigns, nominees or legal representatives all known facts respecting said inventions or improvements, application and Letters Patent, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid **AKONNI BIOSYSTEMS** or its successors, assigns, nominees or legal representatives to obtain and enforce for their own benefit patent protection for said inventions or improvements in any and all countries, all at the expense, however, of **AKONNI BIOSYSTEMS**, or its successors, assigns, nominees or legal representatives;

And we authorize **AKONNI BIOSYSTEMS** or its successors, assigns, nominees or legal representatives to file in our name or their own, as appropriate, applications for Letters Patents, petty patents and utility model patents in all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country of the world, to issue to said **AKONNI BIOSYSTEMS**, or its successors, assigns, nominees or legal representatives, any and all Letters Patents, petty patents and utility model patents for said invention or improvements, for their sole use, to the full end of the term for which such Letters Patents, petty patents and utility model patents may be granted.

Phil BELGRADER (SEAL)

 (SEAL)
Christopher G. COONEY

 (SEAL)
Robert DOEBLER

State of:)
) ss:
County of:)

On this _____ day of _____, 2008, before me personally came the above named **Robert DOEBLER** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

Notary Public

My Commission Expires:

IN WITNESS WHEREOF I have hereunto set my hand and seal this 16th day of September, 2008.

Anna Hickerson (SEAL)
Anna HICKERSON

State of:)
) ss:
County of:)

On this 16 day of September, 2008, before me personally came the above named **Anna HICKERSON** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

Notary Public

My Commission Expires:

Sept, 2008.

 (SEAL)
Bruce IRVINE

State of:)
) ss:
County of:)

On this ____ day of _____, 2008, before me personally came the above named **Bruce IRVINE** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

Notary Public

My Commission Expires:

September, 2008.

Ali Nadim (SEAL)
ALI NADIM

State of:)
) ss:
County of:)

On this ____ day of _____, 2008, before me personally came the above named **Ali NADIM** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

Notary Public

My Commission Expires:

 (SEAL)
James STERLING

State of:)
) ss:
County of:)

On this _____ day of _____, 2008, before me personally came the above named **James STERLING** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

Notary Public

My Commission Expires:

IN WITNESS WHEREOF I have hereunto set my hand and seal this ____ day of _____, 2008.

_____(SEAL)
Reza MIRAGHAIE

State of:)
) ss:
County of:)

On this ____ day of _____, 2008, before me personally came the above named **Reza MIRAGHAIE** personally known to me or satisfactorily proven to be the same individual who executed the foregoing Assignment of his own free will for the use and purpose therein set forth.

Notary Public

My Commission Expires:

ACKNOWLEDGMENT

State of California

County of Los Angeles

On Sept 17, 2008 before me, Jenessa F. Obeng
(insert name and title of the officer)

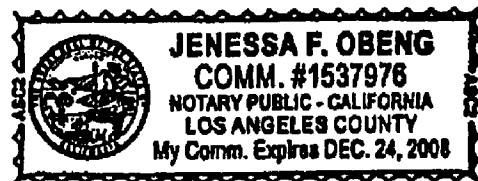
personally appeared Reza Miraghaie
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing
paragraph is true and correct.

WITNESS my hand and official seal.

Signature

(Seal)



PATENT

REEL: 021646 FRAME: 0095

James STERLING (SEAL)

State of:)
) ss:
County of:)

Notary Public

My Commission Expires:

Reza Miraghaie (SEAL)
Reza MIRAGHAIE

State of: _____)
 _____) ss:
 County of: _____)

Notary Public

My Commission Expires: