| Form PTO-1595 (Rev. 08/08) <u>OMB No. 0651-0027 (</u> exp. 8/31/2008) | U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office |
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| RECORDATION FORM COVER SHEET PATENTS ONLY | |
| 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) | 2. Name and address of receiving party(ies) |
| - Nagesh R. Başavanhally; Marc Scott Hodes; - Paul Robert Kolodner; Avinoam Komblitt: | Name: Lucent Technologies Inc. |
| - Thomas Nikita Krupenkin; Wonsuck Lee; - Alan Michael Lyons; Todd Richard Salamon; Brijesh Vyas | Internal Address: |
| Additional name(s) of conveying party(les) attached? Yes 🗹 No | |
| 3. Nature of conveyance/Execution Date(s): | Street Address: 600 Mountain Ave. |
| Execution Date(s) 7/7/08 - 5/11/09 | |
| ✓ Assignment Merger Security Agreement Change of Name | City: Murray Hill |
| Joint Research Agreement | State: New Jersey |
| Government Interest Assignment | |
| Executive Order 9424, Confirmatory License | Country: <u>USA</u> Zip: <u>07974-0636</u> |
| Other | Additional name(s) & address(es) attached? 🛄 Yes 🗹 No |
| 12/080,408 Additional numbers at | tached? Yes INO |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: One |
| Name: Jay M. Brown | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40 |
| Internal Address: | Authorized to be charged by credit card |
| | Authorized to be charged to deposit account |
| Street Address: 6409 Fayetteville Rd., #120-306 | |
| | None required (government interest not affecting title) |
| City: Durham | 8. Payment Information |
| State: North Carolina Zip: 27713 | a. Credit Card Last 4 Numbers _9255 |
| Phone Number: (919) 522-0312 | Expiration Date 05/2012 |
| Fax Number: (919) 651-0211 | b. Deposit Account Number |
| Email Address: jaybrownlaw@gmail.com | Authorized User Name |
| 9. Signature: | |
| Signature. Signature | May 13, 2009 |
| JAY M. BROWN | Date Total number of pages including cover |
| Name of Person Signing Percurents to be recorded (including cover shee | sheet, attachments, and documents: |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or malled to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT AND AGREEMENT

For value received, we Nagesh R. Basavanhally, of 21 Lowry Court, Skiliman, New Jersey 08558; Marc Scott Hodes, of 6 Flemings Hall, 15-16 Flemings Place, Dublin 15, Ireland; Paul Robert Kolodner, of 1025 Bloomfield Street, Hoboken, New Jersey 07030; Avinoam Kornblit, of 432 Dennison Street, Highland Park, New Jersey 08904; Thomas Nikita Krupenkin, of 3548 Valley Ridge Road, Middleton, Wisconsin 53562; Lee Wonsuck, of 50 Mayflower Drive, Basking Ridge, New Jersey 07920; Alan Michael Lyons, of 28 Morehouse Place, New Providence, New Jersey 07974; Todd Richard Salamon, of 5 Center Street, Apt. 5, Chatham, New Jersey 07928; and Brijesh Vyas, of 4 Tall Oaks Drive, Warren, New Jersey 07059; hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A. and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to THERMAL ENERGY TRANSFER DEVICE, described in an application for Letters Patent of the United States filed as application serial no. 12/080,408 on March 31, 2008, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

h R. Basavanhally

Date: July 16, 2008

United States of America)

State of New Jersey) ss .:

County of Union)

On this $\underline{10}$ day of $\underline{5019}$, 2008, before me personally came Nagesh R. Basavanhally, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



Marc Scott tholes

Marc Scott Hodes

Date: 1/0/4 10th 2008

Paul Robert

Date: 7/7/08

United States of America) State of New Jersey) ss.: County of Union)

On this 1^{M}_{me} day of 4^{M}_{e} , 20^{M}_{e} , 20^{M}_{e} , before me personally came Paul Robert Kolodner, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Suzanne R. Sabo Notary Public - State of NJ Commission No. 2362056 My Commission Expires 7/12/2012

PATENT REEL: 022683 FRAME: 0374

Kondin ornblit

Date: 7/11/2008

United States of America)

State of New Jersey) ss.: County of Middlesex

On this $//// day of _____, 20_08$, before me personally came Avinoam Kornblit, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

6.-Notary Public

VALARIE AUSTIN Notary Public of New Jersey My Commission Expires March 24, 2011

Thomas Mikita Krupenkin

Date: 07/79 68

United States of America)

State of Wisconscin) 95.:

)

County of Dank



On this Ľ day of 20 DE, before me personally came Thomas Nikita Krupenkin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

52-1/81202 Jotary Public

Wonsuck Lee

Date: 05/11 /2009

United States of America)

State of New Servey) ss :: County of Union ,

On this $\underline{// \mathcal{H}}_{\text{me}}$ day of $\underline{// \mathcal{H} \mathcal{A} \mathcal{Y}}_{\text{me}}$, 20.09, before me personally came Wonsuck Lee, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Suzanne R. Sabo Notary Public - State of NJ Commission No. 2382056 My Commission Expires 7/12/2012

٩.,

ichael Lyez Alan Michael Lyons

Date:_ 2008

United States of America)

State of Lew progy County of Union) ss.:

On this ______ day of ______, 20_5, before me personally came Alan Michael Lyons, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Diane C. Thomas Notary Public of New Jersey My Commission Expires July 11, 2011

- 8 -

Salamon

Date: July 8, 2008

United States of America)

State of) ss.: County of

On this

day of _, 20<u>_*08__*,</u> before me personally came Todd Richard Selamon, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Diane C. Thomas Notary Public of New Jersey My Commission Expires July 11, 2011

Date: <u>-1 ul</u> 008

United States of America)

State of NEW JERSEY) ss.:

County of MORRIS)

On this <u>2</u> day of <u>Turn</u>, 20<u>05</u>, before me personally came Brijesh Vyas, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

-olman

Notary Public

MIRIAM FELDMAR Notary Public, Morris County, New Jaco My Commission Expires March 8, 2011

Alcatel-Lucent Docket Administrator 600-700 Mountain Avenue Murray Hill, NJ 07974-0636

RECORDED: 05/13/2009