Form PTO-1595 (Rev. 03/05) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
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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) Vladimir A. Aksyuk - 09/13/2006 Nagesh R. Basavanhally - 09/15/2006 Avinoam Komblit - 09/20/2006 Warren Yiu-Cho Lai - 09/14/2006 Joseph Ashley Taylor - 09/15/2006	2. Name and address of receiving party(ies) Name: Lucent Technologies Inc. Internal Address:
Robert Francis Fullowan - 09/14/2006 Additional name(s) of conveying party(ies) attached? Yes 🗹 No	
3. Nature of conveyance/Execution Date(s): Execution Date(s) Date Next to Conveyor Name Above	Street Address: 600 Mountain Avenue
Assignment Merger Security Agreement Change of Name	City: Murray Hill
Joint Research Agreement	State: NJ
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: USA Zip: 07974
Other	Additional name(s) & address(es) attached? Ves 🗹 No
11/445,072 Additional numbers att 5. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed: Name: The Eclipse Group LLP	involved: One
Internal Address:	 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
Street Address: 10605 Balboa Blvd., Suite 300	Enclosed (government interest not affecting title)
City: Granada Hills	8. Payment Information
State: CA Zip: 91344	a. Credit Card Last 4 Numbers 0440 Expiration Date 05/08
Phone Number: 919-313-6161	b. Deposit Account Number 50-2542
Fax Number: 919-313-6170 Email Address: jmb@eclipsegrp.com	Authorized User Name <u>The Eclipse Group</u>
9. Signature:	Cotabar 2 2000
Signature	October 3, 2006 Date
Jay M. Brown Name of Person Signing	Total number of pages including cover 8

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed 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, Vladimir A. Aksyuk, of 552 Summit Avenue. Westfield, NJ 07090, Nagesh R Basavanhally, of 21 Lowry Court, Skillman, NJ 08558, Avinoam Kornblit, of 432 Dennison Street, Highland Park, NJ 08904, Warren Yiu-Cho Lai, of 7D Canterbury Road, Chatham Township, NJ 07928, Joseph Ashley Taylor, of 7 Stone Hill Road, Apt. C, Springfield, NJ 07081, and Robert Francis Fullowan, of 120 Windsor Way, Berkeley Heights, NJ 07922, 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 Jersev, 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 MICROELECTRONIC ELEMENT CHIPS described in an application for Letters Patent of the United States, filed on May 31, 2006 and assigned serial number 11/445,072, 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.

> PATENT REEL: 018351 FRAME: 0452

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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.

Vladimír A. Aksyuk

Date:_ 9//3/06

United States of America)

State of) ss.:

)

County of

On this <u>13</u> day of <u>September</u>, $20 \ge 6$, before me personally came Vladimir A. Aksyuk, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

SHARRUNDA A ROSS Notary Public State of New Jersey Commission Expires Aug 1, 2011

Nagesh R Basavanhally

Date: 9-15-06

United States of America)

State of New Jersey) ss.: County of Union)

On this <u>15</u> day of <u>September</u>, 20<u>06</u>, 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

SHARRUNDA A 8085 Notary Public State of New Jersey My Commission Expires Aug 1, 2011

> PATENT REEL: 018351 FRAME: 0454

Konlida

Avinoam Kornblit

Date: 9.20.2006

United States of America)

State of New Jersey) ss .:

County of Union)

On this <u>20</u> day of <u>eptember</u>, 20<u>06</u>, 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.

Notary Public

SHARRUNDA A ROSS Notary Public State of New Jersey My Commission Expires Aug 1, 2011

PATENT REEL: 018351 FRAME: 0455

Warm Mürche Kai

Warren Yiu-Chơ Lai

Date: September 14, 2006

United States of America)

State of New Jersey) ss .:

County of Unión)

On this $\underline{14}$ day of <u>sectember</u>, 20 $\underline{64}$, before me personally came Warren Yiu-Cho Lai, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

SHARRUNDA A ROSS Notary Public State of New Jersey My Commission Expires Aug 1, 2011

> PATENT REEL: 018351 FRAME: 0456

lay loc Joseph Ashley Taylor

Date: 9-15-06

United States of America)

State of New Jersey) ss .:

County of Unioh)

On this 15 day of September, 2006, before me personally came Joseph Ashley Taylor, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Motary Public

SHARRUNDA A ROSS Notary Public State of New Jersey My Commission Expires Aug 1, 2011

PATENT REEL: 018351 FRAME: 0457

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Robert Francis Fullowán

Date: 09/19/06

United States of America)

State of New Jacsed) ss .: County of Union)

On this 14 day of <u>ptember</u>, 2026, before me personally came Robert Francis Fullowan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Votarv Public

SHARRUNDA A ROSS Notary Public State of New Jenery My Commission Expires Aug 1, 2011

Lucent Technologies Inc. Docket Administrator (Room 3J-219) Lucent Technologies Inc. 101 Crawfords Corner Road Holmdel, NJ 07733-3030