

MKD 11/09/99  
11-23-1999

Form PTO-1595

RECORDA




U.S. Department of Commerce  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Tra

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ments or copy thereof

<p>1. Name of conveying party(ies): Michael F. Brady, Casimir R. Nijander, John W. Osenbach, Michael G. Palin and Aleksandra Yudina</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Lucent Technologies, Inc.</u></p> <p>Internal Address:</p> <p>Street Address: <u>Room 3B-519</u> <u>600 Mountain Avenue</u></p> <p>City: <u>Murray Hill</u></p> <p>State: <u>New Jersey</u> Zip: <u>07974-0636</u></p> <p>Country: <u>US</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date(s): <u>10/7/99; 10/21/99; 11/04/99</u></p>	<p>4. Application number(s) or patent number(s): If this document is being filed together with a new application, the Execution date(s) of the new application is (are) <u>10/7/99; 10/21/99; 11/04/99</u></p> <p>A. Patent Application No. (s): _____ B. Patent No. (s): <u>09/435640</u></p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: L7480.0114/P114</u> <u>Attn: Thomas J. D'Amico</u></p> <p>Street Address: <u>2101 L Street NW</u></p> <p>City: <u>Washington</u> State: <u>DC</u> Zip: <u>20037 - 1526</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 C.F.R 3.41) \$ <u>\$40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p><input checked="" type="checkbox"/> Credit any overpayment or debit any underpayment</p> <p>8. Deposit account number: <u>12 - 2325</u></p>
DO NOT USE THIS SPACE	
<p>9. Statement and signature.</p> <p><i>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.</i></p> <p><u>Thomas J. D'Amico</u>  <u>November 9, 1999</u></p> <p style="text-align: center;">Signature <span style="float: right;">Date</span></p> <p>Reg. No. <u>28.371</u></p>	
<p>Total number of pages including cover sheet, attachments, and document:</p>	

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**PATENT**  
**REEL: 010389 FRAME: 0450**

**ASSIGNMENT AND AGREEMENT**

For value received, we, Michael F. Brady of Morrisville in the County of Bucks and State of Pennsylvania, and Casimir R. Nijander of Lawrenceville in the County of Mercer and State of New Jersey, and John W. Osenbach of Kutztown in the County of Berks and State of Pennsylvania, and Michael G. Palin of Wyomissing Hills in the County of Berks and State of Pennsylvania, and Aleksandra Yudina of Kutztown and in the County of Berks and State of Pennsylvania, do 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 FORMING ATTACHED FEATURES ON A SEMICONDUCTOR SUBSTRATE described in an application for Letters Patent of the United States, executed by us of even date herewith, 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.

X Michael Brady  
Michael F. Brady

Date: X 10/21/99

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

On this 21st day of October, 1999, before me personally came Michael F. Brady, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Helen A. Corboy  
Notary Public

HELEN A. CORBOY  
Notary Public, State of New Jersey  
My Comm. Expires June 25, 2004

Casimir R. Nijander  
Casimir R. Nijander

Date: X 10/21/99

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

On this 21st day of October, 1999, before me personally came Casimir R. Nijander, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Helen A. Corboy  
Notary Public

HELEN A. CORBOY  
Notary Public, State of New Jersey  
My Commission Expires June 25, 2004

X John W. Osenbach  
John W. Osenbach

Date: X 10/17/99

United States of America )  
State of Pennsylvania )ss.:  
County of Lehigh )

On this 17th day of October, 1999, before me personally came John W. Osenbach, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane L. Hughes  
Notary Public

NOTARIAL SEAL  
DIANE L. HUGHES, Notary Public  
Breinigsville, Lehigh County  
My Commission Expires Jan. 6, 2003

x Michael G. Palin  
Michael G. Palin

Date: 8/10/2004

United States of America )  
State of Pennsylvania )ss.:  
County of Lehigh )

On this 7<sup>th</sup> day of October, 1999, before me personally came Michael G. Palin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane L. Hughes  
Notary Public

NOTARIAL SEAL  
DIANE L. HUGHES, Notary Public  
Breinigsville, Lehigh County  
My Commission Expires Jan. 6, 2003

X Aleksandra Yudina  
Aleksandra Yudina

Date: X 11-09-1999

United States of America )  
State of X MI )ss.:  
County of Washtenaw )

On this 9 day of NOVEMBER, 1999, before me personally came Aleksandra Yudina, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Pat E Boykin  
Notary Public

**PAT E. BOYKIN**  
Notary Public, State of Michigan  
ACTING IN  
My Commission Expires 12/31/02