



Form PTO-1619A  
Expires 06/30/99  
OMB 0651-0027

101646885

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U.S. PTO  
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<b>Conveying Party(ies)</b> <input checked="" type="checkbox"/> Mark if additional names of conveying parties attached		Execution Date Month Day Year 2/9/01
Name (line 1) Dautartas, Mindaugas F.		
Name (line 2) _____		Execution Date Month Day Year 1/25/01
<b>Second Party</b> Name (line 1) Freund, Joseph M.		
Name (line 2) _____		

<b>Receiving Party</b> <input type="checkbox"/> Mark if additional names of receiving parties attached		If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)
Name (line 1) Lucent Technologies, Inc.		
Name (line 2) _____		
Address (line 1) 600 Mountain Avenue		
Address (line 2) _____		
Address (line 3) Murray Hill <small>City</small>	NJ <small>State/Country</small>	07974- <small>Zip Code</small>

<b>Domestic Representative Name and Address</b>		Enter for the first Receiving party only.
Name Thomas J. D'Amico (28,371)		
Address (line 1) DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP		
Address (line 2) 2101 L Street NW		
Address (line 3) Washington, DC 20037-1526		
Address (line 4) _____		

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Mail documents to be recorded with required cover sheet(s) information to:  
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**PATENT**

**Correspondent Name and Address**      **Area Code and Telephone Number**      (202) 828-2232

**Name**      Thomas J. D'Amico

**Address (line 1)**      DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP

**Address (line 2)**      2101 L Street NW

**Address (line 3)**      Washington, DC 20037-1526

**Address (line 4)**      \_\_\_\_\_

**Pages**      Enter the total number of pages of the attached conveyance document including any attachments.      #      8

**Application Number(s) or Patent Number(s)**       Mark if additional numbers attached

*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

<b>Patent Application Number(s)</b>			<b>Patent Number(s)</b>		
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.      Month      Day      Year

\_\_\_\_\_      1/25/01

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned

PCT       PCT       PCT

PCT       PCT       PCT

**Number of Properties**      Enter the total number of properties involved.      #      0

**Fee Amount**      Fee Amount for Properties Listed (37 CFR 3.41):      \$      40.00

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Deposit Account

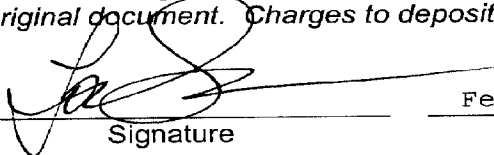
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**Statement and Signature**

*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. Charges to deposit account are authorized, as indicated herein.*

Thomas J. D'Amico            February 14, 2001

Name of Person Signing      Signature      Date

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**Conveying Party(ies)**

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Month Day Year

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Name (line 2)

**Receiving Party(ies)**

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**Application Number(s) or Patent Number(s)**

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

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**ASSIGNMENT AND AGREEMENT**

For value received, we, Mindaugas F. Dautartas, Joseph M. Freund, John M. Geary; and George J. Pryzbylek, in the County of Montgomery, Lehigh and Berks and State of Blacksburg, Virginia, Fogelsville, Pennsylvania, Macungie, Pennsylvania, and Douglasville, Pennsylvania, respectively, 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 METHOD FOR REDUCING THERMAL LOSS AND PROVIDING MECHANICAL COMPLIANCE IN A SEMICONDUCTOR PACKAGE AND THE SEMICONDUCTOR PACKAGE FORMED THEREFORM 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.

Mindaugas F. Dautartas  
Mindaugas F. Dautartas

Date: 2/09/01

United States of America )  
State of Virginia ) ss.:  
County of Montgomery )

On this 9<sup>th</sup> day of February, 2001, before me personally came Mindaugas F. Dautartas, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Cheryl Williams  
Notary Public

Joseph M. Freund  
Joseph M. Freund

Date: 1/25/01

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

On this 25<sup>th</sup> day of January, 2001, before me personally came Joseph M. Freund, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger  
Notary Public

Notarial Seal  
Janet M. Garger, Notary Public  
Allentown, Lehigh County  
My Commission Expires Dec. 28, 2004  
Member, Pennsylvania Association of Notaries

John M. Geary  
John M. Geary

Date: 1/25/01

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

On this 25<sup>th</sup> day of January, 2001, before me personally came John M. Geary, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger  
Notary Public

Notarial Seal  
Janet M. Garger, Notary Public  
Allentown, Lehigh County  
My Commission Expires Dec. 28, 2004  
Member, Pennsylvania Association of Notaries

George J. Pryzbylek  
George J. Pryzbylek

Date: 1/25/01

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

On this 25<sup>th</sup> day of January, 2001, before me personally came George J. Pryzbylek, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger  
Notary Public

Notarial Seal  
Janet M. Garger, Notary Public  
Allentown, Lehigh County  
My Commission Expires Dec. 28, 2004  
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