

MDJ  
4.28.99

05-20-1998

To the Honor  
Patents



Please record the attached

101041290

D

1. Name of Party(ies) conveying an interest:

Igal M. Brener  
David J. Thomson  
Partha P. Mitra  
Daniel D. Lee  
Dan L. Philen

Additional name(s) of Parties attached? No



2. Name and Address of Party(ies) receiving an interest:

LUCENT TECHNOLOGIES, INC.  
600 Mountain Avenue  
P.O. Box 636  
Murray Hill, New Jersey 07974-0636

Additional name(s) and address(es) of Parties attached? No

3. Description of interest conveyed:

Assignment  
 Security Agreement  
Other \_\_\_\_\_

Change of Name  
 Merger

Execution Date: I. Brener 4/19/99, D. Thomson 4/20/99  
P. Mitra 4/19/99, D. Lee 4/19/99, D. Philen 4/13/99

4. Application number(s) or patent number(s).  
Additional numbers attached? No

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
  
09/253,824

B. Patent No.(s)

5. Name and addresses of party to whom correspondence concerning documents should be mailed:

Mark D. Simpson, Esquire  
Synnestvedt & Lechner  
2600 Aramark Tower  
1101 Market Street  
Philadelphia, PA 19107

6. Number of applications and patents involved: 1

7. Total Fee (37 C.F.R. §3.41): \$40.00  
Enclosed: \_\_ (Check No. \_\_\_\_\_)  
Authorized to be Charged: X

8. Deposit account number: 12-2325  
(Attach duplicate copy of this form if paying by deposit account.)

DO NOT USE THIS SPACE

9. I declare under penalty of perjury under the laws of the United State of America that the foregoing is true and correct.

Date: 4/24/99

Mark D. Simpson  
Mark D. Simpson, Esquire  
Registration No. 32,942

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

**ASSIGNMENT AND AGREEMENT**

For value received, we, Igal Brener of Westfield, in the County of Union and State of New Jersey; David Thomson of New Providence, in the County of Union and State of New Jersey, Partha Mitra of Summit, in the County of Union and State of New Jersey, Dan Lee of Short Hills, in the County of Essex and State of New Jersey, Dan Philen of Atlanta, in the County of Dekalb and State of Georgia hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, 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 **High-Resolution Zero-Dispersion Wavelength Mapping in Single Mode Fiber** described in an application for Letters Patent of the United States, executed by me on 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.

Date: 4-19-99

Igal M. Brener  
Igal M. Brener

United States of America )

State of NJ )

) ss: 152-96-9845

County of Union )

On this 19th day of April, 1999, before me personally came **Igal M. Brener**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Jacqueline J. Moskowitz  
Notary Public

**JACQUELINE J. MOSKOWITZ**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires 01/22/2003**

Date April 20, 1999

  
David J. Thomson

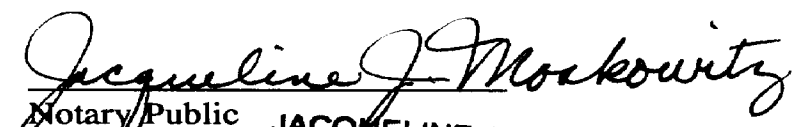
United States of America )

State of NJ )


County of Union )

)  
)  
) ss: 141-42-8060  
)  
)

On this \_\_\_\_\_ day of \_\_\_\_\_, 1999, before me personally came **David J. Thomson**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public **JACQUELINE J. MOSKOWITZ**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 01/22/2003

Date: 4/19/99

  
Partha Mitra

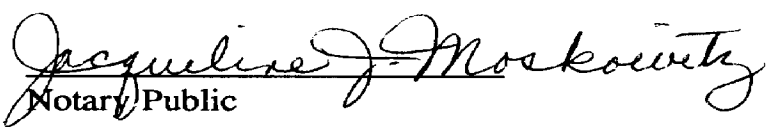
United States of America )

State of NJ )

County of UNION )

)  
)  
) ss: 017-72-3991  
)  
)

On this 19<sup>th</sup> day of APRIL, 1999, before me personally came **Partha Mitra**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

**JACQUELINE J. MOSKOWITZ**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 01/22/2003

Date: 4/19/99

*Daniel Lee*  
Daniel Lee

United States of America )  
State of NJ )  
County of Union )

ss:

On this 19th day of April, 1999, before me personally came **Daniel Lee** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Jacqueline J. Moskowitz*  
Notary Public

**JACQUELINE J. MOSKOWITZ**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires 01/22/2003**

Date: \_\_\_\_\_

\_\_\_\_\_  
**Dan L. Philen**

United States of America )  
State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

ss:

On this \_\_\_\_\_ day of \_\_\_\_\_, 1999, before me personally came **Dan L. Philen**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

M:\MDS\LUCENT\22153A\patoff\assignment

**ASSIGNMENT AND AGREEMENT**

For value received, we, Igal Brener of Eatontown, in the County of Monmouth and State of New Jersey; David Thomson of Murray Hill, in the County of Union and State of New Jersey, Partha Mitra of Jersey City, in the County of Hudson and State of New Jersey, Dan Lee of Short Hills, in the County of Essex and State of New Jersey, Dan Philen of Atlanta, in the County of Dekalb and State of Georgia hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, 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 **High-Resolution Zero-Dispersion Wavelength Mapping in Single Mode Fiber** described in an application for Letters Patent of the United States, executed by me on 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.

Date: \_\_\_\_\_

\_\_\_\_\_  
Igal M. Brener

United States of America )

)

State of Pennsylvania ) ss:

)

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 1999, before me personally came Igal M. Brener, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Date: \_\_\_\_\_

\_\_\_\_\_  
**David J. Thomson**

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 1999, before me personally came **David J. Thomson**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Date: \_\_\_\_\_

\_\_\_\_\_  
**Partha Mitra**

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 1999, before me personally came **Partha Mitra**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public



Date: \_\_\_\_\_

\_\_\_\_\_  
Daniel Lee

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 1999, before me personally came Daniel Lee to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Date: April 13, 1999

*Dan L. Philen*  
Dan L. Philen

United States of America )  
 )  
State of ~~Pennsylvania~~ Georgia ) ss:  
 )  
County of Gwinnett )

On this 13th day of April, 1999, before me personally came Dan L. Philen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Christine P. Williams*  
Notary Public

M:\MDS\UCENT\22153A\patoff\assignment

Notary Public, Forysth County, Georgia  
My Commission Expires September 28, 2001