

03-07-2000

Docket No.: CHAND 11-11-1-5-9

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
Copyright 1994-97 LegalStar
P08/REV02



101284791

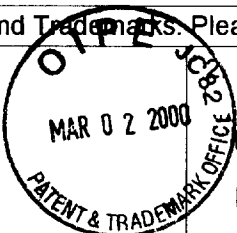
HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

MAD 3.2.00

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.



1. Name of conveying party(ies):
**NARESH CHAND
THOMAS HENRY DAUGHERTY
WOULERUS MUY
YONG-KWAN PARK
VENKATARAMAN SWAMINATHAN**

Name and address of receiving party(ies):

Name: **LUCENT TECHNOLOGIES INC.**

Internal Address:

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Street Address: **600 MOUNTAIN AVENUE**

City: **MURRAY HILL** State: **NJ** ZIP: **07974**

Execution Date: **JANUARY 6, 10,26, 2000**

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration numbers(s):

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

A. Patent Application No.(s)

B. Patent No.(s)

09/450,823

03/06/2000 MMARML 00000023 122325 09450823
02 FC:581 40.00 CH

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **GLEN E. BOOKS, ESQ.**

Internal Address: **MATHEWS, COLLINS,
SHEPHERD & GOULD, P.A.**

Street Address: **100 THANET CIRCLE, SUITE 306**

City: **PRINCETON** State: **NJ** ZIP: **08540**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

12-2325

DO NOT USE THIS SPACE

9. 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.

GLEN E. BOOKS, ESQ.

Name of Person Signing

Glen E Books

Signature

2/21/00

Date

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

7

PATENT

REEL: 010583 FRAME: 0128

ASSIGNMENT AND AGREEMENT

For value received, we, Naresh Chand of Berkeley Heights in the County of Union and State of New Jersey, Thomas Henry Daugherty of Succasunna in the County of Morris and State of New Jersey, Woulterus Muys of Bunschoten in the Netherlands, Yong-Kwan Park of Wescosvilole in the County of Lehigh and State of New Jersey and Venkataraman Swaminathan of Bridgewater in the County of Somerset and State of New Jersey 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 **OPTICAL COMMUNICATION SYSTEM OPTICALLY COMBINING BOTH BASEBAND AND PASSBAND SIGNALS** 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. they 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.



Naresh Chand

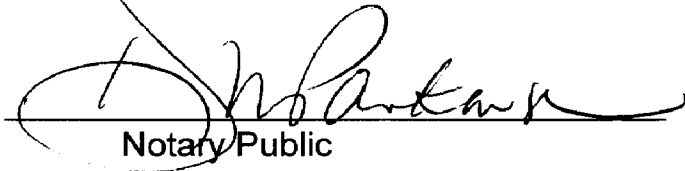
Date: 1/10/2000

United States of America)

State of New Jersey) ss.:

City of Murray Hill)

On this 10th day of January, ~~19~~2000, before me personally came **Naresh Chand**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

DONNA M. PANKOWSKI
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 6, 2000

Thomas Henry Daugherty
Thomas Henry Daugherty

Date: Jan 6, 2000

United States of America)


State of New Jersey) ss.:

County of Union)

On this 6th day of January, 192000, before me personally came **Thomas Henry Daugherty**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Angelina Cagliostro
Notary Public

ANGELINA CAGLIOSTRO
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 1/21/2004



 Wouterus Muys *WJ*

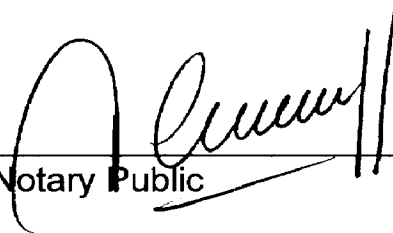
Date: 1/26/2000

United States of America)

State of) ss.:

County of)

On this 26th day of January, ~~19~~ 2000, before me personally came **Wouterus Muys**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



 Notary Public

Seen for legalisation the signature of
 Wouterus Muijs
 by me, Dr Folkert Laurens Michiel van
 de Graaff, notary public at Hilversum,
 The Netherlands, the 26th of January 2000



Mr F.L.M. van de Graaff
 Notaris te Hilversum
 Derks · Star Busmann · Hanotiau
 Advocaten Notarissen
 Postbus 272, 1200 AG Hilversum
 Oude Enghweg 4, 1217 JC Hilversum
 Telefoon 035 - 6 721 821

Yong-Kwan Park
Yong-Kwan Park

Date: 1/6/00

United States of America)

State of New Jersey) ss.:

County of Union)

On this 6th day of January, ~~19~~2000, before me personally came **Yong-Kwan Park**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Angelina Cagliostro
Notary Public

ANGELINA CAGLIOSTRO
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 1/21/2004

Venkataram Swaminathan
Venkataram Swaminathan

Date: 1/10/00

United States of America)

State of New Jersey) ss.:

County of Union)

On this 10th day of January, ~~19~~ 2000, before me personally came **Venkataram Swaminathan**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Angelina Cagliostro
Notary Public

ANGELINA CAGLIOSTRO
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 1/21/2004

Lucent Technologies Inc.
600 Mountain Avenue (Room 3C-512)
P. O. Box 636
Murray Hill, New Jersey 07974-0636