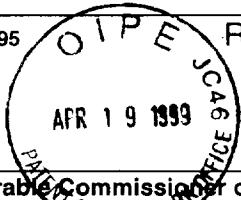


05-10-1999

DEPARTMENT OF COMMERCE  
Patent and Trademark Office



# PATENT



101033102

To the Honorable Commissioner of Patents and Trademarks.

Documents or copy thereof:

msb  
4-19-99

1. Name of conveying party(ies):  
 Andrew Roman Chraplyvy<sup>2</sup>  
 Bernard Raymond Eichembaum<sup>3</sup>  
 Gary Patrick Emery<sup>1</sup>  
 Janice Bilecky Haber<sup>1</sup>  
 David Kalish<sup>2</sup>  
 Raymond Bradfield Kummer<sup>2</sup>

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

Name: Lucent Technologies Inc.

Internal Address: \_\_\_\_\_

Street Address: 600 Mountain Avenue  
P.O. Box 636

City: Murray Hill State: NJ ZIP: 07974-0636

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

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: February 18, 1999<sup>1</sup>, February 19, 1999<sup>2</sup>  
And February 22, 1999<sup>3</sup>

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)  
( 09/255454 )  
Filed February 19, 1999

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Docket Administrator

Internal Address: Room 3C512

Street Address: 600 Mountain Avenue  
P.O. Box 636 07974-  
Murray Hill State: NJ ZIP: 0636

6. Total number of applications and patents involved: 1

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

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:  
12-2325

(Attach duplicate copy of this page if paying by deposit account)

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.*

Michael A. Morra  
 Name of Person Signing

Michael A. Morra  
 Signature

4-15-99  
 Date

Total number of pages comprising cover sheet: 1

Chraplyvy 26-12-1-3-5-5

## ASSIGNMENT AND AGREEMENT

For value received, we, Andrew Roman Chraplyvy, of Matawan in the County of Monmouth and State of New Jersey, Bernard Raymond Eichenbaum, of Basking Ridge in the County of Somerset and State of New Jersey, Gary Patrick Emery, of Monmouth Beach in the County of Monmouth and State of New Jersey, Janice Bilecky Haber, of Roswell in the County of Fulton and State of Georgia, David Kalish, of Roswell in the County of Fulton and State of Georgia, and Raymond Bradfield Kummer, of Lilburn in the County of Gwinnett 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, 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 Capacity Optical Fiber Network Operating In the 1385 nm Region** 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.

Andrew Roman Chraplyvy  
Andrew Roman Chraplyvy

Date: 2/19/99

United States of America )

State of A.T. ) ss.: 057-30-7571

County of Spokane )

On this 19 day of February, 1999, before me personally came Andrew Roman Chraplyvy, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Clara M. Stecher  
Notary Public

MY COMMISSION EXPIRES  
2-13-2002

Bernard Raymond Eichenbaum  
Bernard Raymond Eichenbaum

Date: 02-22-99

United States of America )  
State of California ) ss.:  
County of San Diego )

On this 22nd day of February, 1999, before me personally came Bernard Raymond Eichenbaum, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Amy B. Simpson  
Notary Public

**SEE ATTACHMENT FOR  
OFFICIAL NOTARIZATION**