

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies): NEO
 Carl P. Bellinghausen 1-19-99
 David T. Coleman


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: Jan. 4, 1999

4. Application number(s) or patent number(s): 09/232,978
 If this document is being filed together with a new application, the execution date of the application is: Jan. 4, 1999

A. Patent Application No.(s) _____
 B. Patent No./ 01-27-1999

100951472
 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 3C-512

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


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.

David L. Davis  _____
 Name of Person Signing Signature Date 1/19/99

Total number of pages comprising cover sheet: 1

01/25/1999 JMW/STB 09/232,978
 PATENT
 REEL: 9712 FRAME: 0859

ASSIGNMENT AND AGREEMENT

For value received, we, CARL P. BELLINGHAUSEN, of Newton, County of Sussex, State of New Jersey, and DAVID T. COLEMAN, of Succasunna, County of Morris, 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, 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 TWIST-IN LIGHT PIPE described in an application for Letters Patent of the United States, executed by us 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.

PATENT
REEL: 9712 FRAME: 0860

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.



Carl P. Bellinghausen

Date: 1/4/99

United States of America)
State of *New Jersey*) ss.
County of *Morris*)

On this *4th* day of *January*, ¹⁹⁹⁹ ~~1998~~, before me personally came Carl P. Bellinghausen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

BARBARA ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires July 14, 1999

Lucent Technologies Inc.
600 Mountain Avenue
P. O. Box 636
Murray Hill, New Jersey 07974-0636

PATENT
REEL: 9712 FRAME: 0861

David T. Coleman
David T. Coleman

Date: 1/4/99

United States of America)
State of *New Jersey*) ss.
County of *Morris*)

On this 4th day of January, ¹⁹⁹⁹1998, before me personally came David T. Coleman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Barbara Armstrong
Notary Public

BARBARA ARMSTRONG
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires July 14, 1999

12610

Lucent Technologies Inc.
600 Mountain Avenue
P. O. Box 636
Murray Hill, New Jersey 07974-0636

RECORDED: 01/19/1999

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REEL: 9712 FRAME: 0862