

06-09-2003

FORM PTO-1595  
(Rev. 6-93)

3ET

U.S. Department of Commerce

OMB No. 0651-0011 (exp. 4/94)

102468053

Patent and Trademark Office

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

1. Name of conveying party(ies):

5-30-03

TORBEN BARAS  
CARSTEN METZAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: 5/29/03

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

Name: Lucent Technologies Inc.

Internal Address:

Street Address: 600 Mountain Avenue

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

Additional name(s) & address(es) attached? ☐ Yes ☒ No17513 U.S. PTO  
10/448824  
05/30/03

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

NEW APPLICATION

If this document is being filed together with a new application, the execution date of the application is: 5/29/03

A. Patent Application No.(s):

10448824

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Scott F. Diring  
Williams, Morgan & Amerson, P.C.  
10333 Richmond, Suite 1100

City: Houston State: Texas Zip: 77042

6. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41)----- \$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account IF

INSUFFICIENT FEES ATTACHED

8. Deposit account number: 50-0786/2100.000500

(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.*

Terry D. Morgan

May 30, 2003

Name of Person Signing, Reg. No. 31,181

Signature

Date

Total number of pages including cover sheet, attachments and documents: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignment  
Washington, D.C. 20231

06/03/2003 SSI:HIB1 00000078 10448824

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PATENT TRADEMARK OFFICE

## CERTIFICATE OF EXPRESS MAILING UNDER C.F.R. § 1.8

EXPRESS MAIL NO.

EV 336 53 9775 US

DATE OF DEPOSIT:

May 30, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage as "EXPRESS MAIL" addressed to: MS PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

PATENT  
REEL: 014134 FRAME: 0491

**ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do(es) hereby:

SELL, ASSIGN AND TRANSFER to LUCENT TECHNOLOGIES INC. (the "Assignee"), a corporation of Delaware, having a place of business at 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey, 07974-0636, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "LOW-LOSS COUPLER" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: TORBEN BARAS

Date: 05/29/03

STATE OF New Jersey §  
COUNTY OF Union §

BEFORE ME, the undersigned authority, on this 29 day of MAY, 2003, personally appeared TORBEN BARAS, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Sharrunda A. Ross  
Notary or Consular Officer  
Sharrunda A. Ross  
Notary Public  
My Commission Expires 08/01/08

Signature: CARSTEN METZ

Date: 5/29/2003

STATE OF New Jersey §  
COUNTY OF Union §

BEFORE ME, the undersigned authority, on this 29 day of May, 2003, personally appeared CARSTEN METZ, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

Sharrunda A. Ross  
Notary or Consular Officer  
Sharrunda A. Ross  
Notary Public  
My Commission Expires 08/01/08

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BARAS 2-4/2100.000500/SFD  
Assignment