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07-28-2003

To the Honorable Commissioner of Patents and Trademarks: P



py thereof.

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g party(ies)

1. Name of conveying party(ies)  
D. M. Marom

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

Name: Lucent Technologies, Inc.

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

3. Nature of conveyance:

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

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

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

Execution Date: July 16, 2003

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

4. Application number(s) or patent number(s) D. M. Marom - 6

If this document is being filed together with a new application, the execution date of the application is: July 16, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

6. Total number of applications and patents involved :

1

Name: John A. Caccuro

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

Internal Address:

Enclosed, **See attached PTO-2038**

Authorized to be charged to deposit account

Street Address: 9 Ladwood Drive

8. Deposit account number:

City: Holmdel State: NJ ZIP 07733

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

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9. Statement and signature

To the best of my knowledge and belief, the forgoing information is true and correct and any attached copy is a true copy of the original document.

JOHN A. CACCURO

Name of Person Signing

Signature

Date

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

4

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

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PATENT  
REEL: 014304 FRAME: 0969



## ASSIGNMENT AND AGREEMENT

For value received, I, Dan Mark Marom of Howell, in the County of Monmouth 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 BEAM-STEERING SWITCHING SYSTEM HAVING BEAM COUPLING CONTROL** described in an application for Letters Patent of the United States, executed by me 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 I 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.

I 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.

I 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.

I 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.

I agree that, when requested, I 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.

Dan Mark Marom  
Dan Mark Marom

Date: July 16, 2003

United States of America )

State of New Jersey ) ss.:

County of Monmouth )

On this 16 day of July, 2003, before me personally came Dan Mark Marom, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

John A. Caccuro  
Notary Public  
John A. Caccuro  
An Attorney of the  
State of New Jersey

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