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Bhardwaj 1-3

FORM PTO-1595  
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U.S. Department of Commerce  
Patent and Trademark Office



102703555

3-19-04

To the Honorable Commissioner of Patents and Trademarks

Original document or copy thereof.

1. Name of conveying party(ies):  
Ashish Bhardwaj  
James Jaques

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: 3/11/04, 3/11/04

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  No

22387 U.S. PTO  
10/804321  
031904

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

10804321

If this document is being filed together with a new application, the execution date of the application is: 3/11/04, 3/11/04 respectively

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:

Name: Eamon J. Wall

Internal Address: MOSER, PATTERSON & SHERIDAN, LLP

Street Address: 595 Shrewsbury Avenue, Suite 100

City: Shrewsbury State: NJ Zip: 07702

6. Total number of applications and patents involved:

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00

Enclosed

DEFICIENCY Authorized to be charged to deposit account

20-0782

8. Deposit account number:

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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.

EAMON J. WALL

Name of Person Signing

*E. Wall*

Signature

3/19/04

Date

Total number of pages including cover sheet, attachments and document: 5

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PATENT  
REEL: 015121 FRAME: 0701

## ASSIGNMENT AND AGREEMENT

For value received, we, Ashish Bhardwaj of Eatontown in the County of Monmouth and State of New Jersey, and James Jaques of Metuchen in the County of Metuchen 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 **ALL-OPTICAL LINEAR FEEDBACK SHIFT REGISTER** 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.

Ashish Bhardwaj  
Ashish Bhardwaj

Date: 3/11/2004

United States of America )

State of New Jersey ) ss.:

County of Union )

On this 11<sup>TH</sup> day of MARCH, 2004, before me personally came Ashish Bhardwaj, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Carol L. Canisian  
Notary Public

CAROL L. CANISIAN  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES MAY 7, 2005

  
James Jaques

Date: March 11, 2004

United States of America )

State of New Jersey ) ss.:

County of UNION )

On this 11<sup>TH</sup> day of MARCH, 2004, before me personally came James Jaques, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

LOIS L. CANSIAN  
NOTARY PUBLIC OF NEW JERSEY  
MY COMMISSION EXPIRES MAY 7, 2005

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