

10-20-1999

ASSIGNMENT



COVER SHEET Patents Only

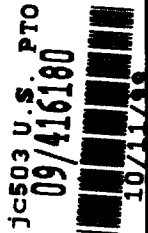
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To the Honorable Commissioner of Patents and Trademarks.  
Please record the attached original documents or copy thereof.

Attorney Docket No.: 9146-66

1. Name of conveying party(ies):  
Muhammed Afzal Shahid  
*med 10-11-99*  
Additional name(s) of conveying party(ies) attached? Yes  No

2. Name and address of receiving party(ies):  
LUCENT TECHNOLOGIES, INC.  
600 Mountain Avenue  
P. O. Box 636  
Murray Hill, NJ 07974-0636  
Additional name(s) & address(es) attached? Yes \_\_\_ No X



3. Nature of conveyance:  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other \_\_\_\_\_  
Execution Date: October 6, 1999

4. Application No. \_\_\_\_\_ Patent No. \_\_\_\_\_  
If this document is being filed together with a new application, the execution date of the application is: October 6, 1999  
Additional numbers attached? Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
James A. Witherspoon  
ALSTON & BIRD LLP  
Post Office Drawer 34009  
Charlotte, N.C. 28234

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

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.*  
James A. Witherspoon (Reg. No. 36,723) \_\_\_\_\_  
Name of Person Signing Signature Date 10/11/99

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

Lucent Case Name/No. Shahid/49

10/19/1999 NTHAI1 00000188 122325 09416180  
01 FC:581 40.00 CH

PATENT  
REEL: 010311 FRAME: 0627

## ASSIGNMENT AND AGREEMENT

For value received, I, Muhammed Afzal Shahid, of Snellville 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, 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 MULTIPITCH OPTICAL FIBER RIBBON 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 me, 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. 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.

*Muhammed Afzal Shahid*

Muhammed Afzal Shahid

Date: 10/6/99

United States of America    )  
  )  
State of Georgia                ) ss:  
County of Gwinnett         )

On this 6th day of October, 1999, before me personally came Muhammed Afzal Shahid, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Christine P. Williams*  
Notary Public

**Notary Public, Forysth County, Georgia**  
**My Commission Expires September 28, 2001**

Lucent Technologies, Inc.  
600 Mountain Avenue (Room 3C-512)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636