

08-30-2001



To the Honorable Commissioner of I
thereof.

101828644

the attached original documents or copy

1. Name of conveying part(ies):

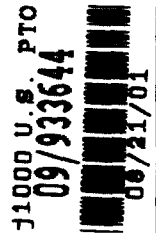
Douglas M. Gill
Xing Wei

08/21/01

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

2. Name and address of receiving party(ies)
Name: Lucent Technologies Inc.
Street Address: 600 Mountain Avenue
P.O. Box 636
Murray Hill, NJ 07974-0636

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



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: 08/20/01, 08/20/01

4. Application number(s) or patent number(s): *09/933644*
If this document is being filed together with a new application, the execution date of the application is:
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:

Peter V. D. Wilde, Esq.
Thomas, Kayden, Horstemeyer & Risley
100 Galleria Parkway
Suite 1500
Atlanta, Georgia 30339

6. Total number of applications/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.

Peter V. D. Wilde *[Signature]* AUG 21 2001
Name of Person Signing Signature Date
Lucent #: Total number of pages including cover sheet, attachments, and document: []

ASSIGNMENT AND AGREEMENT

For value received, we, Douglas M. Gill, of Hoboken in the County of Hudson and State of New Jersey, and Xing Wei of New Providence in the County of Union 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 MSK MODULATOR** 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. they 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.

Douglas M. Gill
Douglas M. Gill

Date: 8/20/01

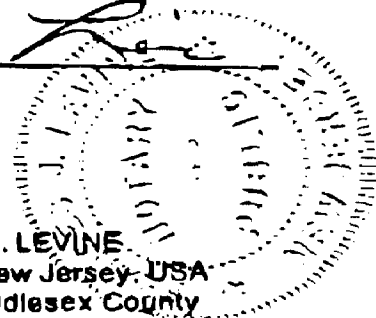
United States of America)

State of New Jersey) ss.:

County of Union)

On this 20th day of August, 2001, before me personally came Douglas M. Gill, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Francis J. Levine
Notary Public



FRANCES J. LEVINE
Notary Public of New Jersey, USA
Registered in Middlesex County
My Commission Expires July 30, 2003

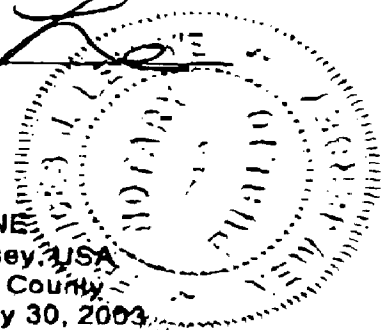
Xing Wei
Xing Wei

Date: 8/20/01

United States of America)
State of New Jersey) ss.:
County of Union)

On this 20th day of August, 2001, before me personally came Xing Wei, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Frances J. Levine
Notary Public



FRANCES J. LEVINE
Notary Public of New Jersey, USA
Registered in Middlesex County
My Commission Expires July 30, 2003

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