

05-02-2002

FORM PTO-1595

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Patent and Trademark Office

102076477

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

1. Name of conveying party(ies):

**Alfred Yi Cho, Claire F. Gmachl and
Hock Min Ng**

Additional name(s) of conveying party(ies) attached?

Yes No

H. 19.02

2. Name and address of receiving party(ies)

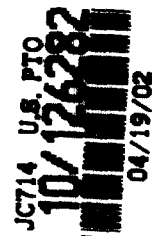
Name: **Lucent Technologies Inc.**

Internal Address:

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

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

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



3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date(s): **April 16, 2002**

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

10/126282

If this document is being filed together with a new application, the execution date of the application is:
April 16, 2002

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: **James F. Harrington**

Internal Address: **Ryan, Mason & Lewis, LLP**

Street Address: **90 Forest Avenue**

City: **Locust Valley** State: **NY** ZIP: **11560**

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 **50-0762**

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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.

James F. Harrington

Reg. No. 44,741

Signature

James F. Harrington

April 19, 2002

Date

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ASSIGNMENT AND AGREEMENT

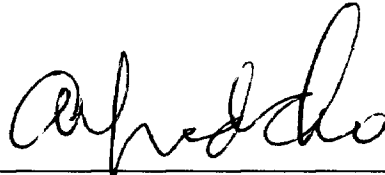
For value received, we, Alred Yi Cho, of Summit in the County of Union and State of New Jersey, Claire F. Gmachl, of New Providence in the County of Union and State of New Jersey, and Hock Min Ng, of Mountainside in the County of Union and State of New Jersey, hereby sell, assign and transfer to Lucent 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 DEVICES WITH HEAVILY DOPED MULTIPLE QUANTUM WELLS** 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.



Alfred Yi Cho

Date: 4/16/2002

United States of America)

State of New Jersey) ss.:


County of Union)

On this 16th day of April, 2002, before me personally came Alfred Yi Cho, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

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



 Claire F. Gmachl

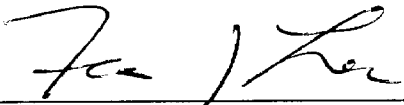
Date: 4/16/02

United States of America)

State of New Jersey) ss.:

County of Union)

On this 16th day of April, 2002, before me personally came Claire F. Gmachl, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



 Notary Public

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

Hock Min Ng

Hock Min Ng

Date: 4/16/02

United States of America)

State of New Jersey) ss.:

County of Union)

On this 16th day of April, 2002, before me personally came Hock Min Ng, 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

Ryan, Mason & Lewis, LLP
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