

07-15-2003

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To the Honorable Commissioner of Patents and Trademark

102497046

Documents or copy thereof. 29250-001017/US

1. Name of conveying party(ies):

Feihong CHEN, Hua Autumn LIU

7-7-03

2. Name and address of receiving party(ies):

Name: Lucent Technologies Inc.

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

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

Street Address: 600 Mountain Ave

City: Murray Hill State: NJ Zip: 07974

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

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

Execution Date: July 3, 2003

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

If this document is being filed together with a new application, the execution date of the application is July 7, 2003

A. Patent Application No.(s)

10613104

B. Patent No. (s)

Additional numbers attached?  Yes  No

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

Name: Harness, Dickey & Pierce, P.L.C.

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

Street Address: P.O. Box 8910

City: Reston State: VA Zip: 20195

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: 08-0750

(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 foregoing information is true and correct and any attached copy is a true copy of the original document.

  
John E. Curtin

37,602  
Registration No.

July 7, 2003  
Date

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

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

07/09/2003 MBERHE 00000010 10613104

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19249 U.S. PTO  
10/613104  
07/07/03

## ASSIGNMENT AND AGREEMENT

For value received, I, **Feihong Chen** of **Lowell** in County of **Middlesex** and State of **Massachusetts**, 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 **METHODS AND DEVICES FOR CREATING BI-DIRECTIONAL LSPs** 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 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.

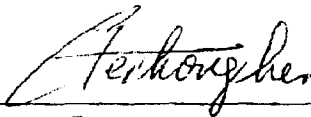
I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit 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. 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.

Attorney Docket No. 29250-001017/US

Lucent Ref. No.: 125455/Chen 1-2



Feihong Chen

Date: 07/03/2003

United States of America )

State of *Massachusetts* ) ss.:

County of *Middlesex* )

On this 3rd day of July, 2003, before me personally came Feihong Chen, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

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

## ASSIGNMENT AND AGREEMENT

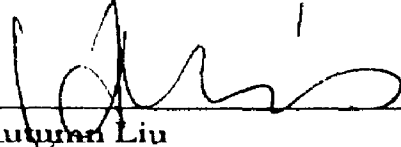
For value received, I, **Hua Autumn Liu of Holmdel** in County of **Monmouth** and State of **New Jersey**, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **METHODS AND DEVICES FOR CREATING BI-DIRECTIONAL LSPs** 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 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. 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.



Hua Autumn Liu

Date: July 3, 2003

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me personally came Hua Autumn Liu, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

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