

02-11-2003



SHEET

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J1004 U.S. PTO
10/057358
02/04/03

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

1. Name of conveying party:
 Thomas P. Chu, Francis R. Magee, Steven H. Richman and ZhengXue Zhao

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

02.04.03

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

Execution Date: 12/19/02 and 12/20/02

2. Name and address of receiving party (ies)

Name: Lucent Technologies, Inc.

Internal Address: _____

Street Address: 600 Mountain Avenue (Room 3C-512)

City: Murray Hill State: NJ Zip: 07974-0635

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

4. Application number(s) or patent number(s):
 5. 10357358

If this document is being filed together with a new application, the execution date of the application is: 12/19/2002 and 12/20/2002

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John E. Curtin, Esquire

Internal Address: 1660 International Drive, Suite 600
Tysons Corner

Street Address: _____

City: McLean State: VA Zip: 22102

7. 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: 50-2065

(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.

John E. Curtin [Signature] February 4, 2003
 Name of Person signing Signature Date

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

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

#163365
 02/10/2003 LMUELLER 00000293 10357358
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PATENT
 REEL: 013733 FRAME: 0405

ASSIGNMENT AND AGREEMENT

For value received, we **Thomas P. Chu, Francis R. Magee, Steven H. Richman and ZhengXue Zhao**, in the County of *Monmouth*, and the 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 SYSTEMS FOR PROVIDING MPLS-BASED LAYER-2 VIRTUAL PRIVATE NETWORK SERVICES** as described in the specification forming part of an application for Letters Patent of the United States, 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.

We authorize Lucent Technologies, Inc. to make an 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, 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.

We acknowledge that this Agreement shall be the governing Agreement between us and Lucent Technologies, Inc.

UNITED STATES OF AMERICA

Thomas P. Chu

Thomas P. Chu

State of New Jersey)
County of Monmouth) :ss

On this 19th day of December, 2002, before me personally came *Thomas P. Chu*, known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

SHARON L. LOBOSCO
Notary Public, State of New Jersey
No. 2278076
Qualified in Ocean County
Commission Expires August 14, 2006


Sharon L. Lobosco

Notary Public

Printed Name

My Commission Expires

UNITED STATES OF AMERICA



Steven H. Richman

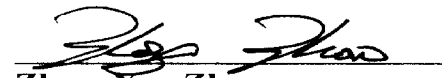
State of NJ)
):ss
County of Monmouth

On this 20 day of December, 2002, before me personally came *Steven H. Richman*, known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Evelyn M. Hrunka
Notary Public
EVELYN M. HRUNKA
Printed Name

EVELYN M. HRUNKA
My Commission Expires
Notary Public of New Jersey
My Commission Expires 12/27/2004

UNITED STATES OF AMERICA


ZhengXue Zhao

State of New Jersey)
):ss
County of Monmouth

On this 19th day of December, 2002, before me personally came *ZhengXue Zhao*, known to me to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Sharon L. Lobosco
Notary Public
Printed Name

My Commission Expires

Lucent Technologies, Inc.
600 Mountain Avenue (Room 3C-512)
P. O. Box 636
Murray Hill, New Jersey 07974-0635

SHARON L. LOBOSCO
Notary Public, State of New Jersey
No. 2278076
Qualified in Ocean County
Commission Expires August 14, 2006

Francis Robert Magee
Francis Robert Magee

Date: 12/20/02

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 20th day of December, 2002, before me personally came, Francis Robert Magee to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

T. R. G.
Notary Public

TAMIKA R. GATSON
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 6/16/2005