

06-30-2003

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. **29250-000852/US**

1. Name of conveying party(ies):

Mooi Choo CHUAH
Arnab DAS
Tingfang JI

6-24-03

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: **May 23, 2003; June 17, 2003; and May 23, 2003.**

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

Name: **Lucent Technologies Inc.**

Internal Address: _____

Street Address: **600 Mountain Ave**

City: **Murray Hill** State: **NJ** Zip: **07974**

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

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

A. Patent Application No.(s) **10/391,766**

B. Patent No. (s)

06/26/2003 DENMANU1 00000043 **10391766**

02 FC:8021

40.00 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)

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.

Gary D. Yacura

35,416
Registration No.

June 24, 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

PATENT
REEL: 014211 FRAME: 0807

ASSIGNMENT AND AGREEMENT

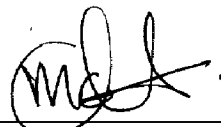
For value received, I Mooi Choo CHUAH of Marlboro in the County of Monmouth and State of New Jersey, Arnab DAS of Washington, D.C., and Tingfag JI of Highland Park in the County of Middlesex and State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State 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 **TRANSMISSION METHODS FOR COMMUNICATION SYSTEMS SUPPORTING A MULTICAST MODE** 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.



Mooi Choo CHUAH

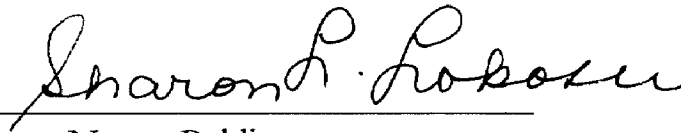
Date: May 23rd, 2003

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 23rd day of May, 2003, before me personally came Mooi Choo CHUAH, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

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

Attorney Docket No. 29250-000852/US
Lucent Ref. No.: 125581/Chuah 70-30-9

Arnab Das
Arnab DAS

Date: 6/17/2003

United States of America)

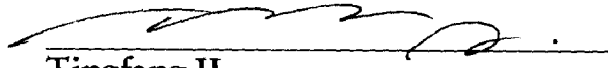
State of New Jersey) ss.:

County of Monmouth)

On this 17th day of June, 2003, before me personally came Arnab DAS, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Sharon L. Lobosco
Notary Public

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



Tingfang Ji

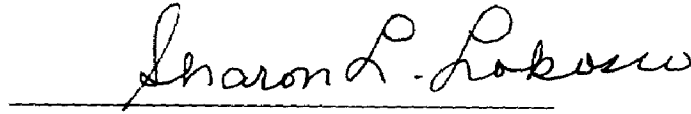
Date: May 23, 2003

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 23rd day of May, 2003, before me personally came Tingfang Ji, 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 3G-512)
P. O. Box 636
Murray Hill, New Jersey 07974-0636

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