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FORM PTO-1595
(Rev. 6-93)

U.S. Department of Commerce

OMB No. 0651-0011 (exp. 4/94)



Patent and Trademark Office

To the Honorable Commissioner, U.S. Patent and Trademark Office

102914392

Original document or copy thereof.

17497 U.S. PTO
11/014288

121604

1. Name of conveying party(ies):

FRANCES JIANG
DANNY C. LUI
LILY H. ZHU
JIALIN ZOU

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

Name: Lucent Technologies Inc.

Internal Address:

Street Address: 600 Mountain Avenue

City: Murray Hill State: NJ Zip: 07974-0636

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Date: December 14, 2004 respectively

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

NEW APPLICATION

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:

Name: MARK W. SINCELL
CUSTOMER NO. 46290
Williams, Morgan & Amerson, P.C.
10333 Richmond, Suite 1100

City: Houston State: Texas Zip: 77042

6. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41)----- \$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account IF

INSUFFICIENT FEES ATTACHED

8. Deposit account number: 50-0786/2100.015000

(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.

Mark W. Sincell

12/16/04

Name of Person Signing, Reg. No. 52,226

Signature

Date

Total number of pages including cover sheet, attachments and documents: 4

12/21/2004 JBALINAM 00000074 11014288

04 FC:8021

40.00 DP

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignment
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF EXPRESS MAILING UNDER C.F.R. § 1.8

EXPRESS MAIL NO.

EV 512 317 412 US

DATE OF DEPOSIT:

DECEMBER 16, 2004

I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage as "EXPRESS MAIL" addressed to: BOX PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

PATENT
REEL: 016104 FRAME: 0231

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do(es) hereby:

SELL, ASSIGN AND TRANSFER to LUCENT TECHNOLOGIES INC. (the "Assignee"), a corporation of Delaware, having a place of business at 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey, 07974-0636, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled **"METHOD FOR DETECTING REVERSE LINK COLLISIONS ON AN AIR INTERFACE"** such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: FRANCES JIANG

Date: _____

STATE OF _____

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COUNTY OF _____

BEFORE ME, the undersigned authority, on this _____ day of _____, 2004, personally appeared FRANCIS JIANG, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

Signature: _____

DANNY C. LUI

Date: _____

12/18/04

STATE OF _____

New Jersey

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COUNTY OF _____

Marine

BEFORE ME, the undersigned authority, on this 19th day of December, 2004, personally appeared DANNY C. LUI, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Notary or Consular Officer

[SEAL]

MARGARET CARDOSO

NOTARY PUBLIC

STATE OF NEW JERSEY

MY COMMISSION EXPIRES DECEMBER 2, 2008

Signature:

LILY H. ZHU

Date:

12/14/04

STATE OF

New Jersey

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COUNTY OF

Married

BEFORE ME, the undersigned authority, on this 14th day of December, 2004, personally appeared LILY H. ZHU, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

MARGARET CARDOSO
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES DECEMBER 2, 2008

Margaret Cardoso
Notary or Consular Officer

[SEAL]

Signature:

JIALIN ZOU

Date:

12/14/04

STATE OF

New Jersey

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COUNTY OF

Married

BEFORE ME, the undersigned authority, on this 14th day of December, 2004, personally appeared JIALIN ZOU, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

MARGARET CARDOSO
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES DECEMBER 2, 2008

Margaret Cardoso
Notary or Consular Officer

[SEAL]