

07-31-2006

HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



To the Honorable Commissioner

103283199

he attached original documents or copy thereof.

1. Name of conveying party(ies):

1. Yigang Cai  
2. Alok Sharma

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date(s): July 25, 2006

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

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: 7/25/06

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: Docket Administrator

Internal Address: Room 3J-219

Street Address: 101 Crawfords Corner Road

City: Holmdel State: NJ ZIP: 07733-3030

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: 12-2325

(Attach duplicate copy of this page if paying by deposit account)

07/28/2006 DBYRNE 00000162 122325 11492336

01 FC:8021 (40.00 DA)

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

Steven R. Santema

Name of Person Signing

Steven R. Santema

Signature

7-25-06

Date

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

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services  
Director of the US Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313-1450

Case Name/No.: Cai 87-19

"Express Mail" mailing label number E9403203431 45

Date of Deposit 7/25/06

I hereby certify that this New Appl. is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop New Appl., Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Carol Wolf

Printed name of person mailing paper or fee

Carol Wolf

Signature of person mailing paper or fee

PATENT

REEL: 018129 FRAME: 0461

## ASSIGNMENT AND AGREEMENT

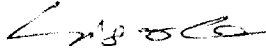
For value received, we, Yigang Cai, of Naperville in the County of Will and the State of Illinois, and Alok Sharma, of Lisle in the County of Du Page and the State of Illinois, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 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 **Message Spoofing Detection Via Validation Of Originating Switch** 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.



Yigang Cai

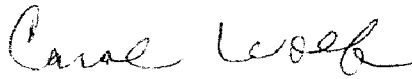
Date: 7/25/2006

United States of America )

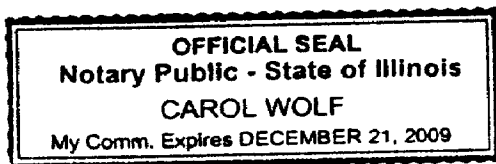
State of Illinois ) ss.:

County of DuPage )

On this 25<sup>th</sup> day of July, 2006, before me personally came, Yigang Cai to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public



*Alok*  
Alok Sharma

Date: 07/25/06

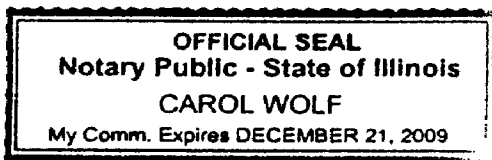
United States of America )

State of Illinois ) ss.:

County of DePue )

On this 25<sup>th</sup> day of July, 20 06, before me personally came, Alok Sharma to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

*Carol Wolf*  
Notary Public



Lucent Technologies Inc.  
Docket Administrator (Room 3J-219)  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030