

11-14-2003

Abraham 9-75

FORM PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

11.6.03



U.S. Department of Commerce
Patent and Trademark Office

102601031

To the Honorable Commissioner of Patents and Trademark... record the attached original document or copy thereof.

22389 U.S. PTO
10702748

110603

1. Name of conveying party(ies):

Santosh P. Abraham
Mooi Choo Chuah

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 10/22/03

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) & address(es) attached? Yes No

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

10702748

If this document is being filed together with a new application, the execution date of the application is October 22, 2003

Additional numbers attached? Yes No

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

Name: Eamon J. Wall

Internal Address: MOSER, PATTERSON & SHERIDAN, LLP

Street Address: 595 Shrewsbury Avenue, Suite 100

City: Shrewsbury State: NJ Zip: 07702

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00

Enclosed
 Authorized to be charged to deposit account

DEFICIENCY

8. Deposit account number:
20-0782

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 M. HERTZBERG

Name of Person Signing

Signature [Signature]

Date

11/06/03

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

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

Mail Stop Assignment Recordation Services
Director - US Patent and Trademark Office
P.O. Box 1450,
Alexandria, VA 22313-1450

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ASSIGNMENT AND AGREEMENT

For value received, we, **SANTOSH P. ABRAHAM** of Keasbey, County of Middlesex and State of New Jersey, and **MOOI CHOO CHUAH** of Marlboro, 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 **A CLUSTERING BASED LOAD ADAPTIVE SLEEPING PROTOCOL FOR ADHOC NETWORKS** 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.

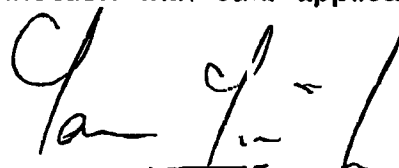
We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization 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.

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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.



Santosh P. Abraham

Date: Oct. 22, 2003

United States of America)

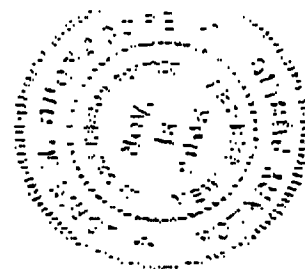
State of New Jersey) ss.:

County of Morris)

On this 22nd day of October, 2003, before me personally came **Santosh P. Abraham**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

LORIE M. BUONOCORE
Notary Public of New Jersey
I.D. NO.: 2183871
Expires November 16, 2005



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Mooi Choo Chuah

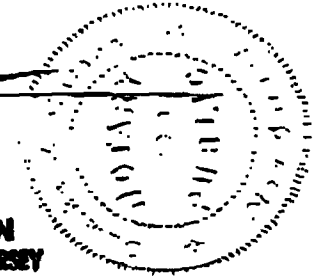
Date: 22nd Oct, 03

United States of America)

State of New Jersey) ss.:

County of Monmouth)

On this 22nd day of Oct, 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

TAMIKA R. GATSON
NOTARY PUBLIC OF NEW JERSEY
Commission Expires 8/14/2005

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