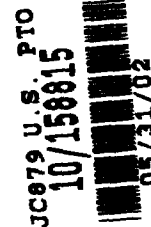
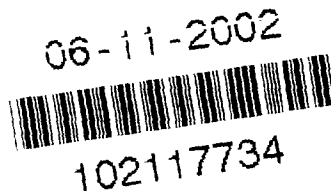


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By: Iris E. Nauth



05/31/02

PATENTS ONLY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Hua, et al.
FOR : **ON-DEMAND DYNAMICALLY
UPDATED USER DATABASE & AAA
FUNCTION FOR HIGH RELIABILITY
NETWORKS**
SERIAL NO. : Unknown
FILED : Herewith
ART UNIT : Unknown
ATTORNEY DOCKET NO. : LUT 2 0094
HUA 15-2

10/158815

Cleveland, Ohio 44114-2518
May 31, 2002

ASSIGNMENT TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, DC 20231

Dear Sir:

Please record the attached original document(s) or copy(ies) thereof.

1. Name of Party(ies) conveying an interest:

Shiyan Hua
Ahmed N. Zaki

2. Name of Party(ies) receiving an interest:

Lucent Technologies Inc.
600 Mountain Avenue
P.O. Box 636
Murray Hill, New Jersey 07974-0636

06/11/2002 LMUELLER 00000003 10158815

01 FC:581

40.00 00

PATENT
REEL: 012961 FRAME: 0664

3. Description of the interest conveyed:
X Assignment _____ Change of Name
____ Security Agreement _____ Merger
Other _____

Execution Date: May 30, 2002.

4. These documents are being filed together with a new application, the execution date of which is: May 30, 2002.
5. Name and address of Party to whom correspondence concerning this document should be mailed:

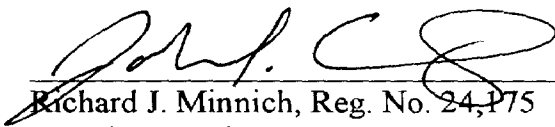
Richard J. Minnich
Reg. No. 24,175
FAY, SHARPE, FAGAN
MINNICH & McKEE, LLP
1100 Superior Avenue, Seventh Floor
Cleveland, Ohio 44114-2518

6. One patent application is involved.
7. Amount of fee enclosed or authorized to be charged: \$ 40.00
8. Deposit Account Number (attached duplicate copy of this form if paying by Deposit Account): 06-0308.
9. Please charge any additional fees or credit overpayment to Deposit Account No. 06-0308.
10. 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.
11. Total number of pages enclosed 5.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

5-31-02
Date


Richard J. Minnich, Reg. No. 24,175
Joseph D. Dreher, Reg. No. 37,123
John P. Cornely, Reg. No. 41,687
1100 Superior Avenue, Seventh Floor
Cleveland, Ohio 44114
(216) 861-5582

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ASSIGNMENT AND AGREEMENT


For value received, we, **Shiyan Hua**, of Wheaton in the County of Du Page and State of Illinois, **Ahmed N. Zaki**, of Lisle in the County of Du Page and 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 entitled **ON-DEMAND DYNAMICALLY UPDATED USER DATABASE & AAA FUNCTION FOR HIGH RELIABILITY 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.

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.


Shiyen Hua

Date: 5/30/02

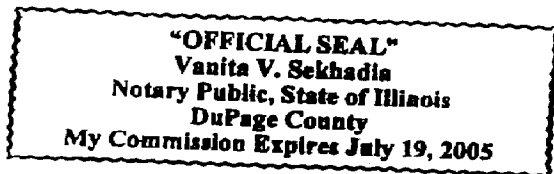
United States of America)

State of ILLINOIS) ss.:

City of DU PAGE)

On this 30th day of MAY, 2002, before me personally came **Shiyen Hua**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

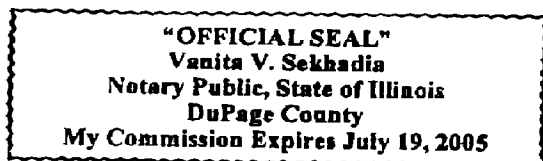


Ahmed N. Zaki
Ahmed N. Zaki

Date: 5/30/2002

United States of America)
State of ILLINOIS) ss.:
City of DUPAGE)

On this 30th day of MAY, 2002, before me personally came
Ahmed N. Zaki, to me known to be the individual described in and who
executed the foregoing instrument, and acknowledged execution of the same.



Vanita V. Sekharia
Notary Public

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