

11-16-1999

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To the Honorable Commissioner of Patents and

original documents or copy thereof.

1. Name of conveying party(ies)

Danny Raz and Yuval Shavit

Additional name(s) of conveying party(ies) attached?

___ Yes X No

3. Nature of conveyance:

X Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ OtherExecution Date: **October 26, 1999**

2. Name and address of receiving party(ies)

Name: **Lucent Technologies Inc.**

Internal Address:

Street Address: **600 Mountain Avenue**
P.O. Box 636City: **Murray Hill** State: **NJ** ZIP: **07974-0636**Additional name(s) & address(es) attached? ___ Yes X 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)

B. Patent No.(s)

09/409,153Additional numbers attached? ___ Yes X No

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

Name: **Joseph B. Ryan**Internal Address: **Ryan & Mason, L.L.P.**Street Address: **90 Forest Avenue**City: **Locust Valley** State: **NY** ZIP: **11560**6. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41)..... \$ 40.00

___ Enclosed

X Authorized to be charged to deposit account8. Deposit account number **12-2325**

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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.

Joseph B. Ryan

Reg. No. 37,922

Signature

November 9, 1999

Date

11/12/1999 CCETIN

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Raz 3-5

PATENT
REEL: 010375 FRAME: 0056

ASSIGNMENT AND AGREEMENT

For value received, we, Danny Raz, of Aberdeen in the County of Monmouth and State of New Jersey, and Yuval Shavitt, of Marlboro in the 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 **METHOD AND APPARATUS FOR EFFICIENT NETWORK MANAGEMENT USING AN ACTIVE NETWORK MECHANISM** described in application Serial No. 09/409,153 for Letters Patent of the United States, filed September 30, 1999, 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.

Danny Raz
 Danny Raz

Date: Oct 26 1999

United States of America)

State of New Jersey) ss.: 611844871

County of Monmouth)

On this 26 day of Oct, 1999, before me personally came Danny Raz, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Patricia A. Fitzgibbons
 Notary Public

PATRICIA A. FITZGIBBONS
 NOTARY PUBLIC OF NEW JERSEY
 My Commission Expires Feb. 3, 2003

Yuval Shavitt
Yuval Shavitt

Date: 10/26/99

United States of America)

State of New Jersey) ss.: 025-80-0457

County of Monmouth)

On this 26 day of Oct, 1999, before me personally came Yuval Shavitt, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Patricia A. Fitzgibbons
Notary Public

PATRICIA A. FITZGIBBONS
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 3, 2003

Ryan & Mason, L.L.P.
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