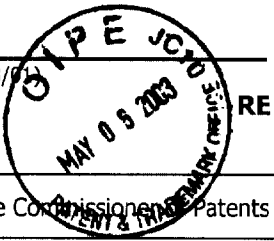


05-14-2003

Form: PTO-1595 (03/01)



102447183

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Chung-Chieh Lee<sup>1</sup>  
Lance E. Hester<sup>2</sup>

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

Name: Northwestern University

Internal Address: \_\_\_\_\_

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

3. Name of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Street Address: 633 Clark Street

City: Evanston State: IL Zip: 60208

Execution Date: 4/25/03<sup>1</sup> AND 4/29/03<sup>2</sup>

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: \_\_\_\_\_

A. Patent Application No.(s)  
09/803,259 filed 3/9/01

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

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

Name: Motorola, Inc.

Internal Address: Law Department

Street Address:  
8000 West Sunrise Boulevard

City: Fort Lauderdale State: Florida Zip: 33322

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-2117

(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*

Barbara R. Dautre

Name of Person Signing

Signature

5/6/03

Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Asslgnments  
Washington, D.C. 20231

05/08/2003 AWONDAF1 00000032 502117 09803259  
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MAY 08 2003

OFFICE OF PETITIONS  
PATENT

REEL: 014048 FRAME: 0310

**ASSIGNMENT**

**WHEREAS, CHUNG-CHIEH LEE** residing at 1715 Brookside Lane, Long Grove, Illinois , hereinafter called "ASSIGNOR", has invented certain new and useful improvements in **A PROTOCOL FOR A SELF-ORGANIZING NETWORK USING A LOGICAL SPANNING TREE BACKBONE** the specification of which was filed with the United States Patent & Trademark Office on March 9, 2001 as Serial No. 09/803,259; and

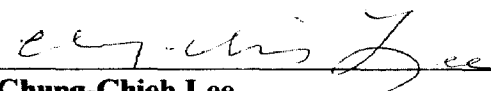
**WHEREAS, NORTHWESTERN UNIVERSITY**, hereinafter called "ASSIGNEE", having a place of business at 633 Clark Street, Evanston, Illinois 60208-1111 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

**NOW, THEREFORE**, in consideration of the sum of One Dollars (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable consideration, we the ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE the full and exclusive entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns.

FURTHER, we agree that we will communicate to said ASSIGNEE or its representative any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths or declarations, and generally cooperate with said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

**IN WITNESS WHEREOF**, we have hereunto set our hands this 25<sup>th</sup> day of April, 20 03

 (Seal)  
**Chung-Chieh Lee**

STATE OF ILLINOIS )  
                          )SS:  
COUNTY OF COOK   )

On this 5<sup>th</sup> day of April, 2003, **CHUNG-CHIEH LEE** appeared before me, a Notary Public in and for the State and County aforesaid, and acknowledged that Lee freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

Joann G. Mete  
Notary Public  
My commission expires: 7/21/2003



**ASSIGNMENT**

**WHEREAS, LANCE E. HESTER** residing at 1467 N.W. 126<sup>th</sup> Lane, Sunrise, Florida , hereinafter called "ASSIGNOR", has invented certain new and useful improvements in **A PROTOCOL FOR A SELF-ORGANIZING NETWORK USING A LOGICAL SPANNING TREE BACKBONE** the specification of which was filed with the United States Patent & Trademark Office on March 9, 2001 as Serial No. 09/803,259; and

**WHEREAS, NORTHWESTERN UNIVERSITY**, hereinafter called "ASSIGNEE", having a place of business at 633 Clark Street, Evanston, Illinois 60208-1111 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

**NOW, THEREFORE**, in consideration of the sum of One Dollars (\$1.00) to us in hand paid, the receipt whereof is hereby acknowledged, and other valuable consideration, we the ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE the full and exclusive entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successors and assigns.

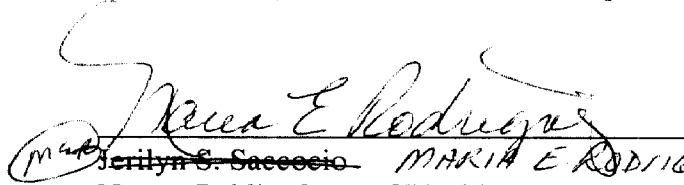
FURTHER, we agree that we will communicate to said ASSIGNEE or its representative any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths or declarations, and generally cooperate with said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN WITNESS WHEREOF, we have hereunto set our hands this 29 day of April, 2003.

Lance E. Hester 4/29/03 (Seal)  
**Lance E. Hester**

STATE OF FLORIDA            )  
  SS:  
COUNTY OF BROWARD        )

On this 29 day of April, 2003, **LANCE E. HESTER** appeared before me, a Notary Public in and for the State and County aforesaid, and acknowledged that he freely and voluntarily subscribed and executed the foregoing Assignment for the purposes and uses therein expressed.

  
~~Jerilyn S. Saccocio~~ **MARIA E. RODRIGUEZ**  
Notary Public, State of Florida

My commission expires:

