

Form PTO-1595 (Rev. 06/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE  
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**1. Name of conveying party(ies)/Execution Date(s):**

Yun-Qing Shi - Executed 12/30/2003

Guorong Xuan - Executed 01/15/2004

Execution Date(s) See Above

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

**3. Nature of conveyance:**

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

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

Name: New Jersey Institute of Technology

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

Street Address: University Heights

Cullimore Hall

City: Newark

State: New Jersey

Country: US Zip: 07102

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

10/737,327 - filed December 16, 2003

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Kaplan & Gilman, L.L.P.

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

Street Address: 900 Route 9 North

City: Woodbridge

State: NJ Zip: 07095

Phone Number: 732 634-7634

Fax Number: 732 634-6887

Email Address: mdernier@kaplangilman.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ Already Paid**

- Authorized to be charged by credit card
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October 11, 2004

Date

Matthew B. Demier (Reg. No. 40,989)

Name of Person Signing

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OMB No. 0651-0027 (exp. 5/31/2002)

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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):

Yun-Qing Shi 12/30/2003  
Guorong Xuan 01/15/2004

2. Name and address of receiving party(ies)

Name: New Jersey Institute of Technology

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

Street Address: University Heights  
Cullimore Hall

City: Newark State: NJ Zip: 07102

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: See Above

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) \_\_\_\_\_

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

Additional numbers attached?  Yes  No

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

Name: KAPLAN & GILMAN, L.L.P.

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

Street Address: 900 Route 9 North

City: Woodbridge State: NJ Zip: 07095

6. Total number of applications and patents involved:

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

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8. Deposit account number:

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9. Signature.

Matthew B. Dernier

Name of Person Signing

Signature

April 7, 2004

Date

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**PATENT**  
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FINANCE SECTION

## Assignment of Patent Rights

Dated: Dec., 30, 2003

Assignor: Dr. Yun-Qing Shi  
Address: 28 Parkview Drive  
Millburn, NJ 07004

Assignee: New Jersey Institute of Technology  
Address: University Heights - Cullimore Hall  
Newark, NJ 07102

Assignor: Guorong Xuan  
Address: Department of Computer Science  
Tongji University  
P.R. China

If there is more than one Assignor or Assignee, the words "Assignor" and "Assignee" shall include them.

This assignment relates to:

a United States patent application signed by Assignor on \_\_\_\_\_, 20\_\_ and entitled \_\_\_\_\_; or

a United States patent application filed in the U.S. Patent and Trademark Office on December 16, 2003 assigned Serial No. 10/737,327; or

an issued United States patent, issued on \_\_\_\_\_, 20\_\_, under United States Patent No. \_\_\_\_\_.

This patent application or issued patent is hereinafter referred to as "the Patent".

Assignor has received Ten Dollars (\$10.00) and other good and valuable consideration for this assignment.

Assignor assigns to Assignee all of Assignor's right, title and interest in the Patent, the invention described and claimed in the Patent, and all patents that may issue based on the invention and on the Patent in the United States *and in every foreign country*, including the right to enforce the Patent for infringement accrued prior to the effective date of this assignment. *Assignor also assigns to Assignee all priority rights in the Patent.\**

*In those countries where permitted, the Assignor authorizes the Assignee to apply for patents for the invention directly in Assignee's name.\** Assignor authorizes the Commissioner of Patents and Trademarks or other governmental authority to issue all patents for the invention directly to Assignee.

Assignor states that Assignor has the right to grant to Assignee the rights which are assigned by this assignment. Assignor will sign any additional documents as may be needed to carry out the purpose of this assignment.

This assignment is binding on all parties who lawfully succeed to the rights of or take the place of Assignor or Assignee.

\* Strike italicized sections only if foreign rights are not intended to be assigned.

And I hereby appoint:

**Jeffrey I. Kaplan (Reg. No. 34,356)**  
**Michael R. Gilman (Reg. No. 34,826)**  
**Timothy X. Gibson (Reg. No. 40,618)**  
**Matthew B. Dernier (Reg. No. 40,989)**

whose address is KAPLAN & GILMAN, L.L.P., 900 Route 9 North, Woodbridge, New Jersey 07095 (telephone (732) 634-7634) jointly and severally my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct correspondence and telephone calls to: Matthew B. Dernier

Full name of **FIRST NAMED INVENTOR**:

Yun-Qing Shi

Inventor's Signature:



Date:

Dec. 30, 2003

Residence:

28 Parkview Drive

Millburn, New Jersey 07041

Citizenship:

USA

Post Office Address:

Same

Full name of **SECOND NAMED INVENTOR**:

Guorong Xuan

Inventor's Signature:



Date:

Jan. 15, 2004

Residence:

Tongji University

P. R. China

Citizenship:

China

Post Office Address:

Shanghai 200092, China