

01-21-2003



Docket No.: CIG-112-B

ET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

102342566

Tab settings

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

1. Name of conveying party(ies):

Michael D. Weber  
Viren R. Shah  
Chuangang Ren

1-15-03

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

Name: Cigital

Address: 21351 Ridgetop Circle, Suite 400

City: Dulles

State/Prov.: VA

Country: U.S.A.

ZIP: 20166-6503

Additional name(s) & address(es)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: January 14, 2003

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

If this document is being filed together with a new application, the execution date of the application is: January 14, 2003

Patent Application No.

Filing date

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: James M. Ross

Registration No. 42,115

Address: SHAW PITTMAN LLP

1650 Tysons Boulevard, 13th Floor

City: McLean

State/Prov.: VA

Country: U.S.A.

ZIP: 22102

6. Total number of applications and patents involved:

1

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

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1390

(Attach duplicate copy of this page if paying by deposit account)

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.

James M. Ross

Name of Person Signing

Signature

January 15, 2003

Date

Total number of pages including cover sheet, attachments, and

5

PATENT

REEL: 013665 FRAME: 0103

JC857 U.S. PTO  
10/342247  
01/15/03

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01/21/2003 LMUELLER00000037 50-1390 00.00 CH

**ASSIGNMENT**

WHEREAS, MICHAEL D. WEBER, residing at 34 Harris Street, #2, Brookline, MA 02446;

VIREN R. SHAH, residing at 21800 Kings Crossing Terrance, Ashburn, VA 20147; and

CHUANGANG REN, residing at 20805 Iris Drive, Sterling, VA 20165;

(hereinafter "Assignors") have invented certain new and useful improvements in

**SYSTEMS AND METHODS FOR DETECTING SOFTWARE BUFFER SECURITY  
VULNERABILITIES**

for a full description of which, reference is here made to an application for Letters Patent of the United States of America

☒ Executed concurrently herewith

☐ Executed on

☐ Serial. No. , filed

in the U.S. Patent and Trademark Office and to U.S. provisional patent application(s)

☒ Serial. No. **60/349,253**, filed **January 18, 2002**

in the U.S. Patent and Trademark Office; and

WHEREAS, Cigital, a corporation of the Commonwealth of Virginia, having its principal office and place of business at 21351 Ridgetop Circle, Suite 400, Dulles, Virginia 20166-6503 (hereinafter "Assignee") is desirous of acquiring the entire right, title, and interest in, to, and under said invention and application above identified, and

in, to, and under any Letters Patent that may be obtained for said invention, together with all foreign rights corresponding thereto, as hereinafter more fully set forth.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable and legally sufficient consideration, the receipt of which by each Assignor from Assignee is hereby acknowledged, Assignors have agreed to sell, assign, and transfer and by these presents does hereby, sell, assign, and transfer unto Assignee the entire right, title and interest in, to, and under said invention and application above identified and Letters Patent of the United States of America that may be obtained in respect thereof; any corresponding applications for Letters Patent and Letters Patent therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee forever.

Assignors hereby covenant and agree, for themselves and for their respective legal representatives, to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any applications or Letters Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this ASSIGNMENT.

Assignors hereby authorize and empower Assignee to invoke and claim for any applications or Letters Patent included within the Invention Rights the benefit of any rights to which Assignors might be entitled under international law or under the laws of any particular country (such as, without limitation, the right of priority provided by the International Convention for the Protection of Industrial Property, as amended) and to invoke and claim said rights without further written or oral authorization from Assignors.

## ASSIGNMENT

CIG-112-B

Assignors hereby consent that a copy of this ASSIGNMENT shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in any particular country for any purpose and more particularly in proof of the right of Assignee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended.

Assignors covenant and agree that this ASSIGNMENT and all of the terms hereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignors.

Assignors hereby authorize and request Assignee to fill in the following blanks specifying the United States Serial No. and filing date for said application above identified:

U.S. Serial No.: \_\_\_\_\_

Filed: \_\_\_\_\_

but Assignee's failure to do so shall have no bearing whatsoever upon the validity or legal effect of this ASSIGNMENT.

Assignors hereby authorize and request the Commissioner of Patents and the United States Patent and Trademark Office to issue Letters Patent to Assignee in accordance with the terms of this ASSIGNMENT.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hand this  
14 day of January, 2003.

SIGNATURE: Michael D Weber  
NAME: MICHAEL D. WEBER

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hand this  
14 day of January, 2003.

SIGNATURE: Virendra R. Shah  
NAME: VIREN R. SHAH

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hand this  
14 day of January, 2003.

SIGNATURE: Chuangang Ren  
NAME: CHUANGANG REN

Document #: 1218344 v.1