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103524452

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Natarajan Vijayarangan

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Execution Date(s) August 27, 2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

2. Name and address of receiving party(ies)

Name: TATA CONSULTANCY SERVICES LIMITED

Internal Address: Nirmal Building (1th Floor)

Street Address: Nariman Point

City: Mumbai

State: \_\_\_\_\_

Country: India Zip: 400 021

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)

12/220,873

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Charles A. Muserlian

Internal Address: Hedman and Costigan

Street Address: 1185 Avenue of the Americas

City: New York

State: NY Zip: 10036

Phone Number: 212 302 8989

Fax Number: 212 302 8998

Email Address: charlesmuserlian@yahoo.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

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a. Credit Card Last 4 Numbers 1004  
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Authorized User Name Charles A. Muserlian

9. Signature:

Charles A. Muserlian  
Signature

September 8, 2008  
Date

Charles A. Muserlian Reg. # 19,683

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

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09/09/2008 CCHAU1 00000040 12220873

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40.00 DP

PATENT  
REEL: 021524 FRAME: 0404

# Assignment

**In Consideration** of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned by the Assignee,

TATA CONSULTANCY SERVICES LIMITED

a corporation organized under the laws of India  
receipt whereof is hereby acknowledged, the undersigned by these presents hereby sold, assigned, transferred and set over unto the said assignee the entire right, title and interest in and to the invention or improvement in

A METHOD FOR DESIGNING A SECURE HASH FUNCTION AND A SYSTEM THEREOF

said invention being fully described and/or claimed in the application for Letters Patent of the United States of America 1) executed this date, or 2) Serial No. \_\_\_\_\_  
filed \_\_\_\_\_ in and for the United States and all foreign countries, the same to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

**And Said Assignee is Hereby Authorized** to make application for and to receive Letters Patent for said invention in any of said countries at its election.

**And By This Covenant The Undersigned** will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said Assignee, its successors, assigns or other legal representatives, and, upon the request and at the expense of said assignee, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, without further compensation, but at the expense of said assignee, its successors, assigns or other legal representatives.

**And The Commissioner of Patents and Trademarks is Hereby Authorized and Requested** to issue any and all Letters Patent of the United States for said invention to said assignee.

Dated August 27, 2008 \_\_\_\_\_ L.S.

  
Natarajan Vijayarangan

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**PATENT**