

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Bulent Abali</td><td>11/20/2007</td></tr><tr><td>Mohammad Banikazemi</td><td>11/20/2007</td></tr><tr><td>James L. Hafner</td><td>11/19/2007</td></tr><tr><td>Dan Edward Poff</td><td>11/20/2007</td></tr><tr><td>Krishnakumar Surugucchi</td><td>11/16/2007</td></tr></tbody></table>	Name	Execution Date	Bulent Abali	11/20/2007	Mohammad Banikazemi	11/20/2007	James L. Hafner	11/19/2007	Dan Edward Poff	11/20/2007	Krishnakumar Surugucchi	11/16/2007	
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Krishnakumar Surugucchi	11/16/2007												
RECEIVING PARTY DATA													
Name:	International Business Machines Corporation												
Street Address:	New Orchard Road												
City:	Armonk												
State/Country:	NEW YORK												
Postal Code:	10504												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11969601</td></tr></tbody></table>	Property Type	Number	Application Number:	11969601									
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CORRESPONDENCE DATA													
Fax Number: (972)385-7766 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Address Line 2: P.O. Box 802333													
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ATTORNEY DOCKET NUMBER:	YOR920070480US1												
NAME OF SUBMITTER:	Mari A. Stewart												

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PATENT  
REEL: 020327 FRAME: 0268

**Total Attachments: 4**

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**PATENT**

**REEL: 020327 FRAME: 0269**

A S S I G N M E N T

Whereas, we,

(1) Bulent Abali  
County of Bergen

of Tenafly  
and State of New Jersey

and

(2) Mohammad Banikazemi  
County of New York

of New York  
and State of New York

and

(3) James L. Hafner  
County of Santa Clara

of San Jose  
and State of California

and

(4) Dan Edward Poff  
County of Putnam

of Mahopac  
and State of New York

and

(5) Krishnakumar Surugucchi  
County of Yolo

of Fremont  
and State of California

have invented certain improvements in

**Storage Redundant Array of Independent Drives**

and executed, respectively, a United States patent application therefore on  
(Dates Inventors Signed Declaration) (1) Bulent Abali 11/20/07,  
(2) M. Banikazemi 11/20/07, (3) \_\_\_\_\_,  
(4) Dan E. Poff 11/20/07, and (5) \_\_\_\_\_.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

(1) Signed at Hawthorne, NY on Nov 20, 2007  
city and state date

Bulent Abali  
Bulent Abali

and (2) Signed at Hawthorne, NY on Nov. 20, 2007.  
city and state date

M. Banikazemi  
Mohammad Banikazemi

and (3) Signed at \_\_\_\_\_ on \_\_\_\_\_.  
city and state date

\_\_\_\_\_  
James L. Hafner

and (4) Signed at Hawthorne, NY on Nov 20, 2007.  
city and state date

Dan Edward Poff  
Dan Edward Poff

and (5) Signed at \_\_\_\_\_ on \_\_\_\_\_.  
city and state date

\_\_\_\_\_  
Krishnakumar Surugucchi

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County of Bergen

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of San Jose  
and State of California

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County of Putnam

of Mahopac  
and State of New York

and

(5) Krishnakumar Surugucchi  
County of Alameda

of Fremont  
and State of California

*Alameda* *Shu*

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and executed, respectively, a United States patent application therefore on  
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(2) \_\_\_\_\_, (3) *11/19/07*,  
(4) \_\_\_\_\_, and (5) *11/16/07* *Shu*.

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

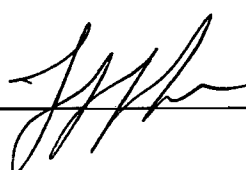
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Bulent Abali

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\_\_\_\_\_  
Mohammad Banikazemi


and (3) Signed at San Jose CA on 11/19/07.  
city and state date

  
\_\_\_\_\_  
James L. Hafner

and (4) Signed at \_\_\_\_\_ on \_\_\_\_\_.  
city and state date

\_\_\_\_\_  
Dan Edward Poff

and (5) Signed at San Jose, CA on 11/16/07.  
city and state date

  
\_\_\_\_\_  
Krishnakumar Surugucchi