

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joefon Jann</td> <td>08/06/2009</td> </tr> <tr> <td>James Arthur Lindeman</td> <td>08/06/2009</td> </tr> <tr> <td>Ramanjaneya Sarma Burugula</td> <td>08/06/2009</td> </tr> <tr> <td>Ching-Farn Eric Wu</td> <td>08/06/2009</td> </tr> <tr> <td>Kaoutar El Maghroaui</td> <td>08/06/2009</td> </tr> </tbody> </table>		Name	Execution Date	Joefon Jann	08/06/2009	James Arthur Lindeman	08/06/2009	Ramanjaneya Sarma Burugula	08/06/2009	Ching-Farn Eric Wu	08/06/2009	Kaoutar El Maghroaui	08/06/2009
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>International Business Machines Corporation</td> </tr> <tr> <td>Street Address:</td> <td>New Orchard Road</td> </tr> <tr> <td>City:</td> <td>Armonk</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10504</td> </tr> </table>		Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (703)761-2375 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 703-761-4100 Email: fcooperrider@mcginniplaw.com Correspondent Name: MCGINN INTELLECTUAL PROPERTY LAW GROUP, Address Line 1: 8321 OLD COURTHOUSE ROAD Address Line 2: SUITE 200 Address Line 4: VIENNA, VIRGINIA 22182-3817													
ATTORNEY DOCKET NUMBER:	YOR920090045US1												
NAME OF SUBMITTER:	Frederick E. Cooperrider												

CH \$40.00 12537486

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PATENT
REEL: 023068 FRAME: 0241

Total Attachments: 2
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ASSIGNMENT

Docket No. YOR920090045US1

Whereas, we

INVENTOR
AND CITY

(1) **Joefon Jann**
County of Westchester

City of Yorktown Heights,
and State of New York

INVENTOR
AND CITY

(2) **James Arthur Lindeman**
County of Travis

City of Austin,
and State of Texas

INVENTOR
AND CITY

(3) **Ramanjaneya Sarma Burugula**
County of Westchester

City of Yorktown Heights,
and State of New York

INVENTOR
AND CITY

(4) **Ching-Farn Eric Wu**
County of Westchester

City of Yorktown Heights,
and State of New York

INVENTOR
AND CITY

(5) **Kaoutar El Maghroaui**
County of Westchester

City of Yorktown Heights,
and State of New York

have invented certain improvements in

TITLE

**AUTOMATED TRANSITION TO A RECOVERY KERNEL VIA FIRMWARE-ASSISTED-DUMP
FLOWS PROVIDING AUTOMATED OPERATING SYSTEM DIAGNOSIS AND REPAIR**

DATES THAT
INVENTORS
SIGNED THE
DECLARATION

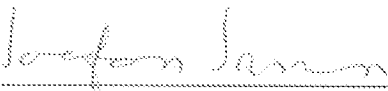
and executed, respectively, a United States patent application therefor on

(1) AUGUST 6, 2009
(2) August 6, 2009
(3) AUGUST 6, 2009
(4) August 6, 2009
(5) August 6, 2009

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 inventions 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.

Signed and sealed



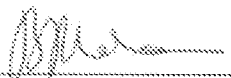
(Joefon Jann)

on August 6, 2009



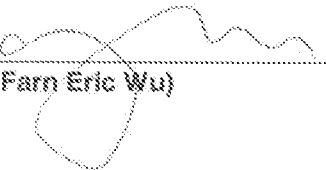
(James Arthur Lindeman)

on August 6, 2009



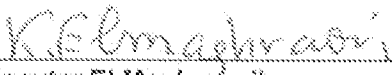
(Ramanjaneya Sarma Burugula)

on August 6, 2009



(Ching-Farn Eric Wu)

on Aug. 6, 2009



(Kaoutar El Maghraoui)

on August 6, 2009