

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Shiva R. Dasari</td> <td>12/11/2007</td> </tr> <tr> <td>Sudhir Dhawan</td> <td>12/12/2007</td> </tr> <tr> <td>Joseph Allen Kirscht</td> <td>12/07/2007</td> </tr> <tr> <td>Jennifer L. Vargus</td> <td>12/10/2007</td> </tr> </tbody> </table>		Name	Execution Date	Shiva R. Dasari	12/11/2007	Sudhir Dhawan	12/12/2007	Joseph Allen Kirscht	12/07/2007	Jennifer L. Vargus	12/10/2007
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Joseph Allen Kirscht	12/07/2007										
Jennifer L. Vargus	12/10/2007										
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11969449</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11969449						
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Application Number:	11969449										
CORRESPONDENCE DATA											
Fax Number:	(507)253-2382										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	507-253-2761										
Email:	sberge@us.ibm.com										
Correspondent Name:	Robert R. Williams										
Address Line 1:	3605 Highway 52 North										
Address Line 4:	Rochester, MINNESOTA 55901										
ATTORNEY DOCKET NUMBER:	ROC920070137US1										
NAME OF SUBMITTER:	Robert R. Williams										
Total Attachments: 5 source=ROC920070137US1_SignedAssignment#page1.tif											

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ASSIGNMENT

Whereas, we

- (1) Shiva R. Dasari, City of Austin,
County of Travis, State of Texas,
- (2) Sudhir Dhawan, City of Austin,
County of Travis, State of Texas,
- (3) Joseph Allen Kirscht, City of Rochester,
County of Olmsted, State of Minnesota,
- and (4) Jennifer L. Vargus, City of Cedar Park,
County of Williamson, State of Texas,

have invented certain improvements in

MEMORY INITIALIZATION TIME REDUCTION

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

Dates

Inventors (1) Dec. 11, 2007, (2) Dec. 12, 2007, (3) Dec. 7, 2007, and

Signed (4) Dec. 10, 2007.

Declaration

And 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.

Signed

Inventor at Austin, Texas
(1) on Dec. 11, 2007,

Shiva R. Dasari
(Shiva R. Dasari)
First Name Initial Last Name
Inventor Signature

Inventor at Austin, Texas
(2)

Sudhir Dhawan
(Sudhir Dhawan)
Inventor

ASSIGNMENT

Whereas, we

- (1) Shiva R. Dasari, City of Austin,
County of Travis, State of Texas,
- (2) Sudhir Dhawan, City of Austin,
County of Travis, State of Texas,
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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.

Signed

Inventor (1) at Austin, Texas _____
 on _____, 2007, (Shiva R. Dasari)
 First Name Initial Last Name Inventor Signature

Inventor (2) at Austin, Texas _____
 (Sudhir Dhawan) _____ Inventor

Signature
on December 12, 2007,

First Name Initial Last Name

Inventor (3) at Rochester, Minnesota
on 12/7, 2007.

Joseph A. Kirscht
(Joseph A. Kirscht)
First Name Initial Last Name

Inventor
Signature

Inventor (4) at Austin, Texas
on _____, 2007.

(Jennifer L. Vargus)
First Name Initial Last Name

Inventor
Signature

Inventor at Austin, Texas
(2) Signature on _____, 2007,

(Sudhir Dhawan)

Inventor

First Name Initial Last Name

Inventor at Rochester, Minnesota
(3) Signature on _____, 2007.

(Joseph A. Kirscht)

Inventor

First Name Initial Last Name

Inventor at Austin, Texas
(4) Signature on Dec. 10, 2007.

(Jennifer L. Vargus)

Inventor

First Name Initial Last Name