### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name                | Execution Date |
|---------------------|----------------|
| Nathan V. Bak       | 08/29/2007     |
| Patricia A. Gaughen | 08/30/2007     |
| Huizenga Gerrit     | 08/30/2007     |
| Jon A. Grimm        | 08/29/2007     |
| Donjuma S. Lee      | 08/30/2007     |
| Eric B. Munson      | 08/30/2007     |
| Ramachandra N. Pai  | 08/30/2007     |
| Timothy C. Pepper   | 08/30/2007     |

#### **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

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11853407 |

## **CORRESPONDENCE DATA**

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**PATENT** 

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| ATTORNEY DOCKET NUMBER:  | BEA920070014US1  |
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| NAME OF SUBMITTER:   | Sean F. Sullivan |
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Docket No. BEA920070017US1

Whereas, we

Jon A. Grimm

- (1) Nathan V. Bak of Portland, County of Washington, and State of Oregon 97229,
- (2) Patricia A Gaughen of Portland, County of Washington, and State of Oregon 97223,
- (3) Huizenga Gerrit of Portland, County of Washington, and State of Oregon 97210,
- (4) Jon A. Grimm of Round Rock, County of Williamson, and State of Texas 78681,
- (5) Donjuma S. Lee of Raleigh, County of Wake, State of North Carolina 27610,
- (6) Eric B. Munson of Hillsboro, County of Washington, State of Oregon 97124,
- (7) Ramachandra N. Pai of Beaverton, County of Washington, State of Oregon 97005, and
- (8) Timothy C. Pepper of Tiagra, County of Washington, State of Oregon 97224.

have invented certain improvements in

## MET

| METHODS, SYSTI  | EMS AND COMPUTER PRO   | DDUCTS FOR A DYNAMIC I  | REPOSITORY  |   |
|---|--|---|---|---|
| and execute   | d, respectively, a United Sta  | ites patent application therefo   | re on   |   |
| (1)   | , 2007, (2)  | , 2007, (3)   | , 2007, (4)   | , 2007  |
| (5)   | , 2007, (6)  | . 2007, (7)   | , 2007, (8)   |   |
| business at Arm the said applica  Now therefore, sell, assign, and and invention the priority resulting any Letters Patie | nonk, New York 10504, (her ation and invention, and to an for a valuable consideration of transfer to IBM, its successiverein disclosed for the United IBM in the filing of said United IBM may apply for foreign at IBM may apply for foreign | ACHINES CORPORATION, reinafter called IBM), desires in United States and foreign particular whereof is hereby accepts and assigns, the entire red States and foreign countried States application, and we ons set forth in said application. Letters Patent on said inventeign applications when called | to acquire the entire right, title patents to be obtained there sknowledged, we, the above ight, title and interest in the ses, and in all foreign countrie request the Commissioner on to IBM, its successors and the country and we will execute all patents. | le and interest in fore; named, hereby said application is, and all rights of Patents to issued assigns; and we |
| Signed and sealed  **Dathan Tild Nathan V. Bak  | 1. Preh  | on <u>August</u>  | <u>J</u> 2007   |   |
|   |  | on  | , 2007  |   |
| Patricia A Gaughe<br>Huizenga Gerrit  |  | on  | , 2007  |   |
| <del>-</del>  |  | on  | , 2007  |   |

on\_\_\_\_\_\_, 2007

Docket No. BEA920070017US1

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- (5) Donjuma S. Lee of Raleigh, County of Wake, State of North Carolina 27610.
- (6) Eric B. Munson of Hillsboro, County of Washington, State of Oregon 97124,

(7) Ramachandra N. Pai of Beaverton, County of Washington, State of Oregon 97026, and (8) Timothy C. Pepper of Tiagra, County of Washington, State of Oregon 97224.

have invented certain improvements in

### METHODS, SYSTEMS AND COMPUTER PRODUCTS FOR A DYNAMIC REPOSITORY

| , , , , , , , , , , , , , , , , , , ,  |  |   | Commercial and the Commercial and Co |   |
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|  | respectively, a United States pate   |   |  |   |
| (1)  | , 2007, (2) August 30  | )_, 2007, (3)   | , 2007, (4)  | , 2007  |
| (5)  | 2007, (2) August 30<br>, 2007, (6) August 30   | 2, 2007, (7) Aug  | 30 , 2007, (8) <u>Aug</u>  | <u>30</u> , 2007  |
| Whereas, INTERI business at Armor  | NATIONAL BUSINESS MACHINI<br>nk, New York 10504, (hereinafter<br>in and invention, and to any Unite  | ES CORPORATION called IBM), desires   | , a corporation of New York, has to acquire the entire right, title  | aving a place of<br>and interest in   |
| sell, assign, and to<br>and invention ther<br>priority resulting fr<br>any Letters Patent<br>hereby agree that | a valuable consideration, receip ransfer to IBM, its successors an ein disclosed for the United State om the filing of said United State t granted upon the inventions set IBM may apply for foreign Letten the United States and foreign ap | d assigns, the entire<br>as and foreign count<br>as application, and we<br>forth in said applicat<br>as Patent on said inve | right, title and interest in the sa-<br>ries, and in all foreign countries<br>a request the Commissioner of<br>tion to IBM, its successors and<br>antion and we will execute all pa  | aid application<br>a, and all rights of<br>Patents to issu-<br>assigns; and w |
| Signed and sealed  |  |   |  |   |
| Nathan V. Bak  |  | on  |  |   |
| the second second  | ayher  | on August   | <u>30</u> , 2007   |   |
| łuizenga Gerrit  |  | on  | , 2007   |   |
| lon A. Grimm   |  | on  | , 2007   |   |
|  |  | on  | , 2007   |   |
|  |  |   |  |   |

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- (6) Eric B. Munson of Hillsboro, County of Washington, State of Oregon 97124,
- (7) Ramachandra N. Pal of Beaverton, County of Washington, State of Oregon 97006, and
- (8) Timothy C. Pepper of Tiagrd, County of Washington, State of Oregon 97224.

have invented certain improvements in

# METHODS, SYSTEMS AND COMPUTER PRODUCTS FOR A DYNAMIC REPOSITORY

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

| (1)  | , 2007, (2)   | , 2007, (3) <b>32 A<sub>4</sub> 200</b>  | 2007, (4)   | , 2007  |
|--|---|--|---|---|
| (5)  | , 2007, (6)   | , 2007, (7)  | , 2007, (8)   |   |
| business at Arm<br>the said applicat<br>Now therefore, f<br>sell, assign, and<br>and invention the<br>priority resulting<br>any Letters Pate | onk, New York 10504, (hention and invention, and to are or a valuable consideration, it ransfer to IBM, its successerein disclosed for the United from the filling of said United to the united the inventional contract or the inventional contract or the inventional contract or and united to the inventional contract or and contract or | ACHINES CORPORATION, a co<br>einafter called IBM), desires to a<br>ny United States and foreign pate<br>receipt whereof is hereby ackno<br>sors and assigns, the entire right<br>and States and foreign countries, a<br>d States application, and we req<br>ons set forth in said application to<br>the Letters Patent on said invention | equire the entire right, tit<br>ants to be obtained there<br>owledged, we, the above<br>, title and interest in the s<br>and in all foreign countrie<br>uest the Commissioner of<br>to IBM, its successors an | le and interest in fore; named, hereby said application es, and all rights of the patents to issue to assigns; and we |
|  |   | eign applications when called up   |   | tentra communit   |
| Signed and sealed  |   |  |   |   |
| lathan V. Bak  |   | on   | , 2007  |   |
| watiisti v. Dan  |   |  | w   |   |
| Patricia A Gaugher   | <b>\$</b>   | on   | , 2007  |   |
| luizenga Gerrii  | 4   | on <u>30 A-</u> 3  | , 2007  |   |

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#### METHODS, SYSTEMS AND COMPUTER PRODUCTS FOR A DYNAMIC REPOSITORY

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

| (1) |      | 2007, (2) | ······································ | 2007. (3 | ) | 2007, (4 | ·                                     | 2007 |
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| (5) | 8/30 | 2007, (6) |  | 2007, (7 | } | 2007, (8 | · · · · · · · · · · · · · · · · · · · | 2007 |

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 therefore;

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 filling 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  |    |        |
|--------------------|----|--------|
| Nathan V. Bak      | on | , 2007 |
| Patricia A Gaughen | on | , 2007 |
| Huizenga Gerrit    | on | , 2007 |
| Jon A. Grimm       | on | , 2007 |
|                    | on | 2007   |

| Donjuma S. Lea     | /                     |
|--------------------|-----------------------|
| Eric B. Munson     | on <u>8/30</u> , 2007 |
| Ramachandra N. Pai | on, 2007              |
| Timothy C. Pepper  | on, 2007              |

| Donjuma S. Lee     |                          |
|--------------------|--------------------------|
|                    | on <u>Aug SC</u> , 2007  |
| Eric B. Mynson     | and the second second    |
|                    | on Auf 80 . , 2007       |
| Ramachandra N. Pai |                          |
| Aliana, C. Danger  | on <u>46, 30.</u> , 2007 |
| Timothy C. Pepper  |                          |

**RECORDED: 10/21/2009**