## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |
| EFFECTIVE DATE:       | 06/27/2007     |

### **CONVEYING PARTY DATA**

| Name               | Execution Date |  |
|--------------------|----------------|--|
| Gerald K Bartley   | 06/25/2007     |  |
| John M Borkenhagen | 06/22/2007     |  |
| Philip R Germann   | 06/26/2007     |  |

#### **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: | 11769019 |

#### **CORRESPONDENCE DATA**

Fax Number: (507)253-2382

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 507-253-2761

Email: elseth@us.ibm.com

Correspondent Name: Robert R. Williams

Address Line 1: 3605 Highway 52 North

Address Line 4: Rochester, MINNESOTA 55901

| ATTORNEY DOCKET NUMBER: | ROC920070213US1    |
|-------------------------|--------------------|
| NAME OF SUBMITTER:      | Robert R. Williams |

Total Attachments: 2

PATENT REEL: 019485 FRAME: 0504

500303789

CH \$40.00 1

source=ROC920070213US1\_Assignment#page1.tif source=ROC920070213US1\_Assignment#page2.tif

PATENT REEL: 019485 FRAME: 0505

Docket No.: ROC920070213US1

# ASSIGNMENT

Whereas, we

711

| (1) | Gerald K. Bartley<br>County of Olmsted  | City of Rochester and State of Minnesota,  |
|-----|---|--|
| (2) | John M Borkenhagen<br>County of Olmsted | City of Rochester and State of Minnesota,  |
| (3) | Philip R. Germann<br>County of Olmsted  | City of Oronoco<br>and State of Minnesota, |

have invented certain improvements in

## HUB FOR SUPPORTING HIGH CAPACITY MEMORY SUBSYSTEM

and have executed a United States patent application therefor on

| Date                |     |          |      |   |     |          |      |       |
|---------------------|-----|----------|------|---|-----|----------|------|-------|
| Inventors<br>Signed | (1) | June 25, | 2007 | , | (2) | June 22, | 2007 | , and |
| Declaration         | (3) | June 26, | 2007 | • |     |          |      |       |

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 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   |        |                    | <i>(</i> ) | 1 11 A A    |          |           |  |  |
|----------|--------|--------------------|------------|-------------|----------|-----------|--|--|
| Inventor | at Ros | chester, Minnesota | <u> Du</u> | 11i, On Dry |          | Inventor  |  |  |
| (1)      |        | 16-107             | (Gerald    | K.          | • *      | Signature |  |  |
|          | on     | <u> </u>           | First Name | Initial     | Last Nar | ne        |  |  |

PATENT REEL: 019485 FRAME: 0506

2

Inventor at Rochester, Minnesota Inventor (2) Borkenhagen) Signature First Name Initial Last Name Inventor Inventor at Rochester, Minnesota R. (3) (Philip Germann) Signature First Name Initial Last Name

**RECORDED: 06/27/2007** 

PATENT REEL: 019485 FRAME: 0507