

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                              |               |                |                     |            |                |            |              |            |
|---|---|---------------|----------------|---------------------|------------|----------------|------------|--------------|------------|
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                                  |               |                |                     |            |                |            |              |            |
| <b>CONVEYING PARTY DATA</b>   |   |               |                |                     |            |                |            |              |            |
| <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>Hisatoshi Adachi</td> <td>11/19/2007</td> </tr> <tr> <td>Masato Noguchi</td> <td>11/20/2007</td> </tr> <tr> <td>Masaki Wakao</td> <td>11/20/2007</td> </tr> </tbody> </table> |   | Name          | Execution Date | Hisatoshi Adachi    | 11/19/2007 | Masato Noguchi | 11/20/2007 | Masaki Wakao | 11/20/2007 |
| Name  | Execution Date                              |               |                |                     |            |                |            |              |            |
| Hisatoshi Adachi  | 11/19/2007                                  |               |                |                     |            |                |            |              |            |
| Masato Noguchi  | 11/20/2007                                  |               |                |                     |            |                |            |              |            |
| Masaki Wakao  | 11/20/2007                                  |               |                |                     |            |                |            |              |            |
| <b>RECEIVING PARTY DATA</b>   |   |               |                |                     |            |                |            |              |            |
| <b>Name:</b>  | INTERNATIONAL BUSINESS MACHINES CORPORATION |               |                |                     |            |                |            |              |            |
| <b>Street Address:</b>  | NEW ORCHARD ROAD                            |               |                |                     |            |                |            |              |            |
| <b>City:</b>  | ARMONK                                      |               |                |                     |            |                |            |              |            |
| <b>State/Country:</b>   | NEW YORK                                    |               |                |                     |            |                |            |              |            |
| <b>Postal Code:</b>   | 10504                                       |               |                |                     |            |                |            |              |            |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |               |                |                     |            |                |            |              |            |
| <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>11953407</td> </tr> </tbody> </table>   |   | Property Type | Number         | Application Number: | 11953407   |                |            |              |            |
| Property Type   | Number                                      |               |                |                     |            |                |            |              |            |
| Application Number:   | 11953407                                    |               |                |                     |            |                |            |              |            |
| <b>CORRESPONDENCE DATA</b>  |   |               |                |                     |            |                |            |              |            |
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| <b>Correspondent Name:</b>  | Santia Wall IV                              |               |                |                     |            |                |            |              |            |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | JP920060118US1                              |               |                |                     |            |                |            |              |            |
| <b>NAME OF SUBMITTER:</b>   | Santia Wall IV                              |               |                |                     |            |                |            |              |            |

Total Attachments: 2  
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**PATENT**

**REEL: 020893 FRAME: 0920**

**500529824**

**CH \$40.00 11953407**



ASSIGNMENT

Whereas we,

- (1) Hisatoshi Adachi
- (2) Masato Noguchi
- (3) Masaki Wakao

have invented certain improvements in.

DELEGATION OF DATA ENTRY TASKS

and executed a United States patent application therefore on the following date(s):

- (1) November 20, 2007  
(Date)
- (2) November 20, 2007  
(Date)
- (3) November 20, 2007  
(Date)

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 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:

|     | <u>LOCATION</u> | <u>DATE</u>       | <u>SIGNATURE</u>                            |
|-----|-----------------|-------------------|---|
| (1) | <u>Yamato</u>   | <u>11/19/2007</u> | <u>Hisatoshi Adachi</u><br>Hisatoshi Adachi |
| (2) | <u>Yamato</u>   | <u>11/20/2007</u> | <u>Masato Noguchi</u><br>Masato Noguchi     |
| (3) | <u>Yamato</u>   | <u>11/20/2007</u> | <u>Masaki Wakao</u><br>Masaki Wakao         |