

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>MICHIKO TAKAHASHI</td><td>03/14/2008</td></tr><tr><td>TADAYUKI YOSHIDA</td><td>03/14/2008</td></tr></tbody></table>	Name	Execution Date	MICHIKO TAKAHASHI	03/14/2008	TADAYUKI YOSHIDA	03/14/2008	
Name	Execution Date						
MICHIKO TAKAHASHI	03/14/2008						
TADAYUKI YOSHIDA	03/14/2008						
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12048492</td></tr></tbody></table>	Property Type	Number	Application Number:	12048492			
Property Type	Number						
Application Number:	12048492						
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PATENT  
REEL: 020652 FRAME: 0294

## ASSIGNMENT

WHEREAS, we:

- |     |                   |                                |
|-----|-------------------|--------------------------------|
| (1) | Michiko Takahashi | Of Yokohama, Kanagawa<br>JAPAN |
| (2) | Tadayuki Yoshida  | Of Yokohama, Kanagawa<br>JAPAN |

have invented certain improvements in

### DEVICE, METHOD, AND COMPUTER PROGRAM PRODUCT FOR OUTPUTTING STORAGE LOCATION OF VERIFICATION-TARGET CHARACTER STRING

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

- |     |                   |
|-----|-------------------|
| (1) | <u>03/14/2008</u> |
| (2) | <u>03/14/2008</u> |

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, Armonk, New York, 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the 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 acknowledge our prior existing obligation and hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the 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 the United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on 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:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Yamato</u>	<u>03/14/2008</u>	<u>Michiko Takahashi</u> Michiko Takahashi
(2)	<u>Yamato</u>	<u>03/14/2008</u>	<u>Tadayuki Yoshida</u> Tadayuki Yoshida

Docket No.: JP920060167US1