### PATENT ASSIGNMENT

# Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
N			ame	Execution Date	
Masaaki Matsuguchi 09/13/2012					
RECEIVING PARTY DATA					
Name:	Fujitsu Limited				
Street Address:	1-1, Kamikodanaka 4-chome				
Internal Address:	Nakahara-ku, Kawasaki-shi				
City:	Kanagawa				
State/Country:	JAPAN				
Postal Code:	211-8588				
PROPERTY NUMBERS Total: 1					
Property Type			Number		284
Application Number: 1282		12824	284		12824284
CORRESPONDENCE DATA					
Fax Number:2146614613Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:214.953.6500					H \$40.00
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ATTORNEY DOCKET NUMBER:			073338.0803		
NAME OF SUBMITTER:		Tracy E. Perez			
Total Attachments: 2 source=0803Assignment#page1.tif source=0803Assignment#page2.tif					

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#### ASSIGNMENT

WHEREAS, I, the undersigned joint inventor of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been filed June 28, 2010 and assigned application serial number 12/824,284; and

WHEREAS, FUJITSU LIMITED (hereinafter referred to as "Assignee"), with an address of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan, desires to acquire my entire right, title, and interest in and to the invention and in and to the said application and any Letters Patent that may issue therefrom;

NOW, THEREFORE, for and in consideration of One United States Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title, and interest in and to said invention and in and to said application, all patents that may issue therefrom, and all divisions, reissues, continuations, continuations-in-part and extensions thereof. I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title, and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in its own name throughout the world and including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries agree to execute any and all powers of attorney, applications, assignments declarations, affidavits, and any other papers in connection therewith that may be necessary to perfect such right, title, and interest in Assignee.

I shall communicate to Assignee any facts known to me with respect to any improvements; and, at the expense of Assignee, I shall testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue, and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

AUS01:592239.

## PATENT REEL: 029045 FRAME: 0279

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This Assignment shall be binding on the parties' successors, assigns, and legal representatives.

Title:

### CONSIGNING AUTHENTICATION METHOD

Full name of the omitted Inventor:

Inventor's Signature:

Date:

Mailing Address:

MASAAKI MATSUGUCHI

Maaraki Mataugurchi September 13,2012

6-8-402, Shitte 2-chome, Tsurumi-ku, Yokohama, Kanagawa 230-0003, Japan

AUS01:592239

**RECORDED: 09/28/2012**