

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Marzieh VEYSEH	11/09/2011
Ryosuke FUJIWARA	11/08/2011
RECEIVING PARTY DATA	
Name:	HITACHI, LTD.
Street Address:	6-6, Marunouchi 1-chome
City:	Chiyoda-ku, Tokyo
State/Country:	JAPAN
Postal Code:	100-8280
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13293021
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ATTORNEY DOCKET NUMBER:	CA2210
NAME OF SUBMITTER:	Ernest C. Huang
Total Attachments: 1 source=CA2210_Assignment#page1.tif	

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Assignment

Whereas, We, Marzieh VEYSEH of Mountain View, CA; and Ryosuke FUJIWARA of San Jose, CA, respectively, hereinafter called assignors, have invented certain improvements in **BLOCK ACKNOWLEDGEMENT FOR WIRELESS COMMUNICATION METHODS, APPARATUSES AND SYSTEMS** and executed an application for Letters Patent of the United States of America therefore; and

Whereas, HITACHI, LTD. of 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, 100-8280, Japan, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefore;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/293,021 and Confirmation number 9296, filed NOVEMBER 9, 2011) the application number, Confirmation number, and filing date of said application when known.

Date:

11/9/2011

s/ Marzieh VEYSEH

Date:

11/8/2011

s/ Ryosuke FUJIWARA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)