

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Satoshi YAMAMOTO</td> <td>01/04/2012</td> </tr> <tr> <td>Hirokazu HASHIMOTO</td> <td>01/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Satoshi YAMAMOTO	01/04/2012	Hirokazu HASHIMOTO	01/04/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>FUJIKURA LTD.</td> </tr> <tr> <td>Street Address:</td> <td>5-1, Kiba 1-chome</td> </tr> <tr> <td>City:</td> <td>Kohtoh-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>135-8512</td> </tr> </table>		Name:	FUJIKURA LTD.	Street Address:	5-1, Kiba 1-chome	City:	Kohtoh-ku, Tokyo	State/Country:	JAPAN	Postal Code:	135-8512
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PROPERTY NUMBERS Total: 1											
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Application Number:	13344091										
CORRESPONDENCE DATA											
Fax Number:	(202)293-7860										
Phone:	202-293-7060										
Email:	sughrue@sughrue.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	SUGHRUE MION, PLLC										
Address Line 1:	2100 PENNSYLVANIA AVENUE, N.W.										
Address Line 2:	SUITE 800										
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037										
ATTORNEY DOCKET NUMBER:	Q128523										
NAME OF SUBMITTER:	Sahar A. Ahmed, New Apps Specialist										
Total Attachments: 1 source=ASSIGNMENT_EXECUTED#page1.tif											

OP \$40.00 13344091

ASSIGNMENT

Whereas, I/we, (1) Satoshi YAMAMOTO and (2) Hirokazu HASHIMOTO of c/o Fujikura Ltd., Sakura Works, 1440, Mutsuzaki, Sakura-shi, Chiba 285-8550 Japan, hereinafter called assignor(s), have invented certain improvements in

THROUGH WIRING SUBSTRATE AND MANUFACTURING METHOD THEREOF

and executed an application for Letters Patent of the United States of America therefor on

2011; and

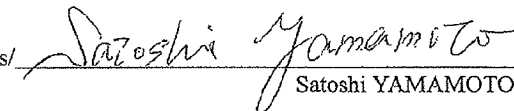
Whereas, Fujikura Ltd. of 5-1, Kiba 1-chome, Kohtoh-ku, Tokyo 135-8512 Japan (assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

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

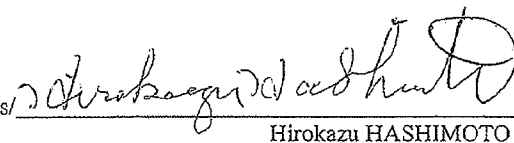
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including the rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director – 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 I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/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.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 13/344,091, filed January 5, 2012) the filing date and application number of said application when known.

Date: January 4, 2012

s/ 
Satoshi YAMAMOTO

Date: January 4, 2012

s/ 
Hirokazu HASHIMOTO

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