

PATENT ASSIGNMENT COVER SHEET

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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>TSUYOSHI KUROIWA</td> <td>10/29/2013</td> </tr> <tr> <td>TATSUYA ISHII</td> <td>10/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	TSUYOSHI KUROIWA	10/29/2013	TATSUYA ISHII	10/28/2013
Name	Execution Date						
TSUYOSHI KUROIWA	10/29/2013						
TATSUYA ISHII	10/28/2013						
RECEIVING PARTY DATA							
Name:	Renesas SP Drivers Inc.						
Street Address:	20-1, Josuihoncho 5-chome						
City:	Kodaira-shi, Tokyo						
State/Country:	JAPAN						
Postal Code:	187-8588						
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>14147513</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14147513		
Property Type	Number						
Application Number:	14147513						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	MITCHELL W. SHAPIRO						
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ATTORNEY DOCKET NUMBER:	XA-12510/T3662-20201US01						
NAME OF SUBMITTER:	MITCHELL W. SHAPIRO						
Signature:	/Mitchell W. Shapiro/						
Date:	01/04/2014						
Total Attachments: 1 source=Assignment#page1.tif							

ASSIGNMENT

(讓 渡 証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by RENESAS SP DRIVERS INC., a corporation organized under the laws of Japan, located at 20-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8588, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said RENESAS SP DRIVERS INC., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

TOUCH PANEL DISPLAY DEVICE AND TOUCH PANEL CONTROLLER

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire owner-ship of the said Letters Patent when granted, to be held and enjoyed by said RENESAS SP DRIVERS INC., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said RENESAS SP DRIVERS INC.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発 明 者 フ ル ネ ー ム サ イ ン)

Date Signed
(署 名 日)

1)	<u>Tsuyoshi Kuroiwa (Tsuyoshi KUROIWA)</u>	<u>10/29/2013</u>
2)	<u>Tatsuya Ishii (Tatsuya ISHII)</u>	<u>10/28/2013</u>
3)	_____	_____
4)	_____	_____
5)	_____	_____
6)	_____	_____
7)	_____	_____