

## 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>IORI SHIRAISHI</td> <td>07/16/2013</td> </tr> <tr> <td>KIICHI MAKUTA</td> <td>07/16/2013</td> </tr> <tr> <td>SATOSHI SAITO</td> <td>07/16/2013</td> </tr> <tr> <td>MASARU IIZUKA</td> <td>07/16/2013</td> </tr> </tbody> </table>		Name	Execution Date	IORI SHIRAISHI	07/16/2013	KIICHI MAKUTA	07/16/2013	SATOSHI SAITO	07/16/2013	MASARU IIZUKA	07/16/2013
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MASARU IIZUKA	07/16/2013										
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>14066685</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14066685						
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Application Number:	14066685										
CORRESPONDENCE DATA											
Fax Number:	(703)610-8686										
Phone:	(703)903-9000										
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	MITCHELL W. SHAPIRO										
Address Line 1:	MILES & STOCKBRIDGE P.C.										
Address Line 2:	1751 PINNACLE DRIVE, SUITE 500										
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ATTORNEY DOCKET NUMBER:	XA-12459/T3662-20052US01										
NAME OF SUBMITTER:	MITCHELL W. SHAPIRO										

CH \$40.00 14066685

Signature:	/Mitchell W. Shapiro/
Date:	10/30/2013
Total Attachments: 1 source=Assignment#page1.tif	

# ASSIGNMENT

( 譲渡証 )

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

## DISPLAY CONTROL DEVICE AND DATA PROCESSING SYSTEM

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>Iori shiraishi</u> (Iori SHIRAISHI)	<u>7/16/2013</u>
2)	<u>Kiichi Makuta</u> (Kiichi MAKUTA)	<u>7/16/2013</u>
3)	<u>Satoshi Saito</u> (Satoshi SAITO)	<u>7/16/2013</u>
4)	<u>Masaru Iizuka</u> (Masaru IIZUKA)	<u>7/16/2013</u>
5)	_____	_____
6)	_____	_____
7)	_____	_____

PATENT