

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3522889

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TETSUO SATO	09/04/2015
SHIGERU MAETA	09/04/2015
TOSHIO KIMURA	09/04/2015
ATSUSHI MITAMURA	09/04/2015
AKIRA NEGISHI	09/04/2015
GARY S. JACOBSON	09/03/2015
<b>RECEIVING PARTY DATA</b>	
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<b>Street Address:</b>	2801 SCOTT BLVD.
<b>City:</b>	SANTA CLARA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95050
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14851433
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<b>ATTORNEY DOCKET NUMBER:</b>	NEC0380US
<b>NAME OF SUBMITTER:</b>	ROZ DONALDSON
<b>SIGNATURE:</b>	/Roz Donaldson/
<b>DATE SIGNED:</b>	09/11/2015

**Total Attachments: 1**

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**ASSIGNMENT**

For good and valuable consideration, receipt of which is hereby acknowledged, we

<u>Tetsuo Sato</u>	of	<u>San Jose, California 95128 USA</u>
<u>Shigeru Maeta</u>	of	<u>San Jose, California 95118 USA</u>
<u>Toshio Kimura</u>	of	<u>Cupertino, California 95014 USA</u>
<u>Atsushi Mitamura</u>	of	<u>Tokyo 187-8588 Japan</u>
<u>Akira Negishi</u>	of	<u>Gunma-ken,370-0021 Japan</u>
<u>Gary S. Jacobson</u>	of	<u>Norwalk, Connecticut 06855 USA</u>

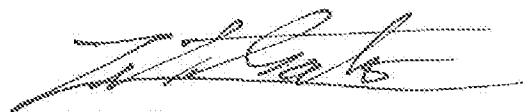
hereby sell, assign and transfer to Renesas Electronics America Inc., a California corporation, having a place of business at 2801 Scott Boulevard, Santa Clara, California, 95050, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

**TRANSFORMER LESS BATTERY CHARGER SYSTEM**

for which we have executed a United States patent application on September 11, 2015, which now has Application No. 14/851,433, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

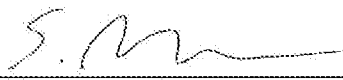
We further authorize and request the attorneys appointed as representatives in this application to hereafter complete this assignment by inserting above the filing date and application number of this application when known.

Executed this 4 day of September, 2015.



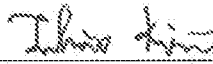
Tetsuo Sato

Executed this 4 day of September, 2015.



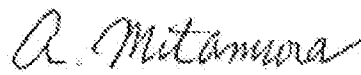
Shigeru Maeta

Executed this 4 day of September, 2015.



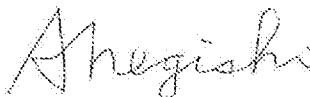
Toshio Kimura

Executed this 4 day of September, 2015.



Atsushi Mitamura

Executed this 4 day of September, 2015.



Akira Negishi

Executed this 3 day of September, 2015.



Gary S. Jacobson

**PATENT**