

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Naoyoshi KAWAHARA	10/01/2010
Shinya MARUYAMA	10/01/2010
Shinichi MIYAKE	10/01/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Renesas Electronics Corporation
<b>Street Address:</b>	1753 Shimonumabe, Nakahara-ku, Kawasaki
<b>City:</b>	Kanagawa
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	211-8668
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12911285
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Total Attachments: 1 source=ASSMT#page1.tif	

OP \$40.00 12911285

**501329855**

**PATENT**  
**REEL: 025189 FRAME: 0270**

**ASSIGNMENT**

WHEREAS,

Naoyoshi KAWAHARA,  
Shinya MARUYAMA and  
Shinichi MIYAKE  
\_\_\_\_\_  
\_\_\_\_\_

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in

DESIGN METHOD, DESIGN APPARATUS, AND DESIGN PROGRAM OF  
SEMICONDUCTOR DEVICE, AND SEMICONDUCTOR DEVICE

- (a) for which an application for a United States patent was filed on  
10/25/2010, Application No. 12/911,285,
- (b) for which an application for a United States patent was executed on  
10/1/2010,

WHEREAS, **Renesas Electronics Corporation,**

whose address is **1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan,**

hereinafter referred to as "assignee(s)", are desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefore in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date October 1, 2010

Naoyoshi Kawahara  
(signature) Naoyoshi KAWAHARA

Date October 1, 2010

Shinya Maruyama  
(signature) Shinya MARUYAMA

Date October 1, 2010

Shinichi Miyake  
(signature) Shinichi MIYAKE

Date \_\_\_\_\_

(signature) \_\_\_\_\_

Date \_\_\_\_\_

(signature) \_\_\_\_\_