

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Ippei KUME	04/05/2011
Jun KAWAHARA	04/05/2011
Naoya FURUTAKE	04/05/2011
Shinobu SAITOU	04/05/2011
Yoshihiro HAYASHI	04/05/2011
<b>RECEIVING PARTY DATA</b>	
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Internal Address:	Kawasaki-shi
City:	Kanagawa
State/Country:	JAPAN
Postal Code:	211-8668
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13101569
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Total Attachments: 1 source=ASSMT#page1.tif	

OP \$40.00 13101569

**ASSIGNMENT**

WHEREAS,

Ipppei KUME, Jun KAWAHARA, Naoya FURUTAKE, Shinobu SAITOU  
and Yoshihiro HAYASHI  
all of Kanagawa, Japan

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

SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING  
SEMICONDUCTOR DEVICE

for which an application for a United States patent was executed currently herewith,

WHEREAS, Renesas Electronics Corporation, whose address is, 1753 Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668, Japan, hereinafter referred to as "assignee(s)", is 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 April 5, 2011

Ipppei Kume  
(signature) Ipppei KUME

Date April 5, 2011

Jun Kawahara  
(signature) Jun KAWAHARA

Date April 5, 2011

Naoya Furutake  
(signature) Naoya FURUTAKE

Date April 5, 2011

Shinobu Saitou  
(signature) Shinobu SAITOU

Date April 5, 2011

Yoshihiro Hayashi  
(signature) Yoshihiro HAYASHI