PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PART	Y DATA	JL				
		N	ame	Execution Date		
Renesas Eastern Japan Semiconductor, Inc.				03/01/2012		
		, 1110.				
RECEIVING PARTY	DATA					
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Property Type		Number				
Property Type Patent Number:		7265446				
		7345892				
		7633147				
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NAME OF SUBMITTER:			Paul J. Esatto, Jr.			
Total Attachments: 2 source=Assignment source=Assignment	Renesas#page1.tif					

ASSIGNMENT

RENESAS EASTERN JAPAN SEMICONDUCTOR, INC., a corporation of Japan (hereinafter "RENESAS EASTERN") having a place of business at 2-14-1 Kyobashi, Chuo-ku, Tokyo, Japan, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby sells, assigns, transfers and sets over, to **RENESAS KOMORO SEMICONDUCTOR, INC.**, (hereinafter "RENESAS KOMORO"), a corporation of Japan, having a place of business at 190 Kashiwagi Komoro-shi, Nagano, 384-8511, Japan, all the right, title and interest of RENESAS EASTERN in, to and under the patents listed on the attached Schedule A including all rights of re-issue, extension, division or continuation, and the right to sue and recover damages for infringement thereof, the same to be held and enjoyed by RENESAS KOMORO for its own use and for their successors and assigns to the full end of the term of the above patent and any other patent applications which may result from the above patent as fully and entirely as the same would have been held and enjoyed by RENESAS EASTERN if this assignment had not been made.

RENESAS EASTERN has caused this Assignment to be executed by its duly authorized representative this <u>lst</u> day of <u>March</u>, 2012.

RENESAS EASTERN JAPAN SEMICONDUCTOR, INC.

Date: <u>March 1, 2012</u>

WITNESS: Jonia Bolz

By Yukio Murayama

Yukio Murayama President

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PATENT REEL: 028014 FRAME: 0885

SCHEDULE A

LIST OF PATENTS RENESAS EASTERN JAPAN SEMICONDUCTOR, INC. TO RENESAS KOMORO SEMICONDUCTOR, INC.

Patent No.	Granted		
7,265,446	September 4, 2007		
7,345,892	March 18, 2008		
7,633,147	December 15, 2009		

 $C: VOCUME \sim l \ anna \ LOCALS \sim l \ Temp \ XPgrpwise \ ASSIGNMENT RENESAS. doc$

PATENT REEL: 028014 FRAME: 0886

RECORDED: 04/09/2012