

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Takeo ARIYAMA	11/19/2010
RECEIVING PARTY DATA	
Name:	RENESAS ELECTRONICS CORPORATION
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12957440
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ATTORNEY DOCKET NUMBER:	Q121924
NAME OF SUBMITTER:	Richard Akadje, New Appl. Coordinator
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OP \$40.00 12957440

Assignment

Whereas, I/We, Takeo ARIYAMA of c/o Renesas Micro Systems Co., Ltd., 3-1, Kinko-Cho, Kanagawa-Ku, Yokohama, Kanagawa 221-0056, Japan
hereinafter called assignor(s), have invented certain improvements in

RECORDING APPARATUS AND RECORDING METHOD

and executed an application for Letters Patent of the United States of America therefor on November 19, 2010; and

Whereas,

Renesas Electronics Corporation

1753 Shimonumabe, Nakahara-ku,

Kawasaki, Kanagawa 211-8668,

Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 12957440 and Confirmation number 1114, filed December 1, 2010) the application number and filing date of said application when known.

Date: Takeo Ariyama
November 19, 2010 s/ Takeo ARIYAMA

Date: _____
s/

Date: _____
s/

Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)