

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| | |
|---|---------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Hitachi Plant Technologies, Ltd. | 09/08/2011 |
| RECEIVING PARTY DATA | |
| Name: | Renesas Electronics Corporation |
| Street Address: | 1753, Shimonumabe, Nakahara-ku, |
| City: | Kawasaki-shi, Kanagawa 211-8668 |
| State/Country: | JAPAN |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Patent Number: | 7048493 |
| Patent Number: | 7314345 |
| CORRESPONDENCE DATA | |
| Fax Number: | (703)312-6666 |
| Phone: | (703) 312-6600 |
| Email: | dheise@antonelli.com |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Correspondent Name: | Larry N. Anganos |
| Address Line 1: | 1300 No. 17th Street |
| Address Line 2: | Suite 1800 |
| Address Line 4: | Arlington, VIRGINIA 22209 |
| ATTORNEY DOCKET NUMBER: | 843.41117VC2 |
| NAME OF SUBMITTER: | Larry N. Anagnos |
| Total Attachments: 1 source=Assignment#page1.tif | |

OP \$80.00 7048493

ASSIGNMENT

WHEREAS, **Renesas Electronics Corporation** and **Hitachi Plant Technologies, Ltd.** are joint owners, by assignment, of the following Letters Patent(s) of the United States of America:

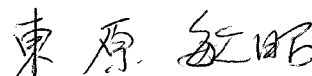
7,048,493 (Issued: May 23, 2006)
7,314,345 (Issued: January 1, 2008)

WHEREAS, **Renesas Electronics Corporation**, a Japanese corporation, having a place of business at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8668, Japan, is desirous of acquiring **Hitachi Plant Technologies, Ltd.'s** share in the above-held joint ownership of the rights, title and interest in, to and under the above-listed U.S. Letters Patent(s), and the invention(s) covered thereby, whereby **Renesas Electronics Corporation** will become the sole owner of the above-listed U.S. Patent(s) and invention(s) covered thereby.

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said **Hitachi Plant Technologies, Ltd.** has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said **Renesas Electronics Corporation**, its entire right, title and interest in the said inventions and above-listed U.S. Letters Patent(s), and any reissue or reissues of the above-listed Letters Patent(s), the same to be held and enjoyed by said **Renesas Electronics Corporation** for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term for which said Letters Patent(s) of the United States is (are) granted or reissued as fully and entirely as the same would have been held and enjoyed by the said **Hitachi Plant Technologies, Ltd.**, if this assignment and sale had not been made.

Hitachi Plant Technologies, Ltd.

Date: September 8, 2011



BY: Toshiaki HIGASHIHARA
Title: President and
Representative Director