

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Hitachi, Ltd. | 09/12/2003 |
| RECEIVING PARTY DATA | |
| Name: | Renesas Technology Corp. |
| Street Address: | 4-1, Marunouchi 1-chome, Chiyoda-ku |
| City: | Tokyo |
| State/Country: | JAPAN |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 13865279 |
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| NAME OF SUBMITTER: | Sheila M. Price |
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| Date: | 04/18/2013 |
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OP \$40.00 13865279

PATENT

ASSIGNMENT

WHEREAS, Hitachi, Ltd. and Hitachi ULSI Systems Co., Ltd. are joint owners, by assignment, of the following applications for Letters Patent of the United States of America:

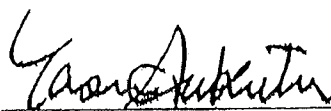
WHEREAS, Renesas Technology Corporation, a corporation organized under the laws of Japan, having its place of business at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan and is desirous of acquiring the right, title and interest in, to and under the said applications for Letters Patents, and the inventions covered thereby, as now owned by Hitachi, Ltd., and thereby become a joint owner with Hitachi ULSI Systems Co., Ltd..

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said Hitachi, Ltd. has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Renesas Technology Corporation, its entire right, title and interest in the said inventions, said applications for Letters Patents and any Letters Patents which may be granted thereon, and any reissue or reissues of said Letters Patents which may be granted, the same to be held and enjoyed by said Renesas Technology 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 Patents of the United States are granted or reissued as fully and entirely as the same would have been held and enjoyed by the said Hitachi, Ltd., if this assignment and sale had not been made.

Hitachi, Ltd.

September 12, 2003

Date:



By: Yasuo SAKUTA, Patent Attorney

Title: Executive Officer,

Intellectual Property Group

(Authorized Signing Officer)