

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Satoru HANZAWA	04/09/2009
Hitoshi KUME	04/13/2009
Motoyasu TERAO	04/13/2009
Tomonori SEKIGUCHI	04/10/2009
Makoto SAEN	04/09/2009

RECEIVING PARTY DATA

Name:	Hitachi, Ltd.
Street Address:	6-6, Marunouchi 1-chome, Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12427392

CORRESPONDENCE DATA

Fax Number: (703)610-8686
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 7036108652
 Email: dminter@milesstockbridge.com
 Correspondent Name: Mitchell W. Shapiro
 Address Line 1: 1751 Pinnacle Drive, Suite 500
 Address Line 4: McLean, VIRGINIA 22102-3833

ATTORNEY DOCKET NUMBER:	XA-11358/T3381-17166US01
NAME OF SUBMITTER:	Mitchell W. Shapiro

Total Attachments: 2
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CH \$40.00 12427392

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**PATENT
 REEL: 022579 FRAME: 0026**

ASSIGNMENT
(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Hitachi, Ltd., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

SEMICONDUCTOR DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) _____ (Satoru HANZAWA)	_____
2) _____ (Hitoshi KUME)	_____
3) <u>Motoyasu Terao</u> (Motoyasu TERAO)	<u>4/13/2009</u>
4) _____ (Tomonori SEKIGUCHI)	_____
5) _____ (Makoto SAEN)	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

ASSIGNMENT
(譲渡証)

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd., its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1) <u>Satoru Hanzawa</u> (Satoru HANZAWA)	<u>4/9/2009</u>
2) <u>Hitoshi Kume</u> (Hitoshi KUME)	<u>4/13/2009</u>
3) _____ (Motoyasu TERAO)	_____
4) <u>Tomonori Sekiguchi</u> (Tomonori SEKIGUCHI)	<u>4/10/2009</u>
5) <u>Makoto Saen</u> (Makoto SAEN)	<u>4/9/2009</u>
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____