

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Riichiro TAKEMURA	12/18/2007
Tomonori SEKIGUCHI	12/18/2007
Satoru AKIYAMA	12/20/2007
Hiroaki NAKAYA	12/17/2007
Masayuki NAKAMURA	01/07/2008

RECEIVING PARTY DATA

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

Name:	Elpida Memory, Inc.
Street Address:	6-6, Marunouchi 1-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12028788

CORRESPONDENCE DATA

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PATENT

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XA-10994

NAME OF SUBMITTER:

Mitchell W. Shapiro

Total Attachments: 1

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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 the below named inventor(s), citizens of Japan by Hitachi, Ltd., and Elpida Memory, Inc., corporations organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, and 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan, respectively, receipt of which is hereby acknowledged, we, the below named inventor(s), do hereby sell and assign to said Hitachi, Ltd., and Elpida Memory, Inc., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

SEMICONDUCTOR MEMORY DEVICE

invented by us and described in the application for United States Letters Patent therefore, executed on even date herewith, and all United States Letters Patent which may be granted therefore, 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., and Elpida Memory, Inc., their 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 us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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 we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi, Ltd., and Elpida Memory, Inc.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)
(発明者フルネームサイン)

Date Signed
(署名日)

1) <u>Riichiro Takemura</u> Riichiro TAKEMURA	<u>12/18/2007</u>
2) <u>Tomonori Sekiguchi</u> Tomonori SEKIGUCHI	<u>12/18/2007</u>
3) <u>Satoru Akiyama</u> Satoru AKIYAMA	<u>12/20/2007</u>
4) <u>Hiroaki Nakaya</u> Hiroaki NAKAYA	<u>12/17/2007</u>
5) <u>Masayuki Nakamura</u> Masayuki NAKAMURA	<u>1/7/2008</u>
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

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RECORDED: 02/11/2008

REEL: 020488 FRAME: 0568