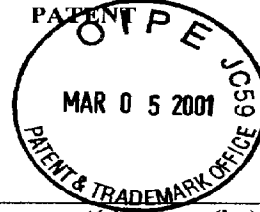


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Name Eric J. Robinson

Address (line 1) NIXON PEABODY LLP

Address (line 2) 8180 Greensboro Drive

Address (line 3) Suite 800

Address (line 4) McLean, VA 22102

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Application Number(s) or Patent Number(s) Mark if additional numbers attached
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09/695,410			

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. **Month Date Year**

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Fee Amount **Fee Amount for Properties Listed (37 CFR 3.41):** \$ 40.00

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Name (line 1) Hisashi OHTANI

Effective Date
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02/14/01

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Patent Application Number(s)

Patent Number(s)

NIXON PEABODY LLP
United States Patent Rights

Attorney Docket No. 0756-2220

ASSIGNMENT

Serial No. 09/695,410

Filed October 25, 2000

WHEREAS, Misako NAKAZAWA, Kenji KASAHARA and Hisashi OHTANI
(hereinafter designated as the undersigned) has (have) invented certain new and useful
improvements in SEMICONDUCTOR DEVICE, AND METHOD OF FABRICATING THE
SAME for which an application for Letters Patent of the United States of America has been
executed by the undersigned on _____, and;

WHEREAS, Semiconductor Energy Laboratory Co., Ltd. of 398, Hase, Atsugi-shi,
Kanagawa-ken 243-0036 Japan its heirs, successors, legal representatives and assigns
(hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest
in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the
United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the
undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and
valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these
presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said
invention in the United States of America and its territories and for all foreign countries,
dependencies and possessions and the entire right, title and interest in and to any and all Letters
Patent(s) which may be granted therefor in the United States of America and its territories,
dependencies and possessions, and in and to any and all divisions, reissues, continuations and
extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this
application and any continuing, divisional or reissue applications thereof and also to execute
separate assignments in connection with such applications as the Assignee may deem necessary
or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any
interference which may be declared concerning this application or any continuation, division or
reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the
Assignee in every way possible in obtaining and producing evidence and proceeding with such
interference.

The undersigned agree(s) to execute all papers and documents and to perform any act
which may be necessary in connection with claims under or provisions of the International
Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm Nixon Peabody LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 01/19/2001, Name of Inventor Misako Nakazawa (SEAL)
Misako NAKAZAWA

Date 02/05/2001, Name of Inventor Kenji Kasahara (SEAL)
Kenji KASAHARA

Date 02/14/2001, Name of Inventor Hisashi Ohtani (SEAL)
Hisashi OHTANI

Date _____, Name of Inventor _____ (SEAL)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who should sign here.)

Witness	(name)	(signature)
Witness	(name)	(signature)
Witness	(name)	(signature)