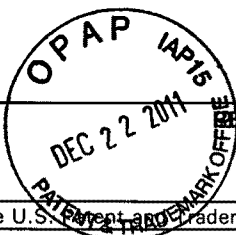


FORM PTO-1595
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12/27/2011

103638440

U.S. DEPARTMENT OF COMMERCE

1. Name of conveying party(ies):
(1) Haruo NAKAZAWA
(2) Takahito HARADA
(3) Fumio SHIGETA
(4) Kyohei FUKUDA
2. Name and Address of receiving party(ies):
FUJI ELECTRIC CO., LTD.
1-1 Tanabeshinden, Kawasaki-ku,
Kawasaki-shi, 210-9530, JAPAN
3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other: _____
Execution Date(s): (1), (2), (3), (4), November 15, 2011
4. Application number(s) or patent number(s):
☐ This document is being filed together with a new application.

OR
☒ This document is being filed after filing of the application:
(a) Patent Application No(s). 13/276,740, filed October 19, 2011; or
(b) Patent No(s). , issued .
5. Name and address of party to whom correspondence concerning document should be mailed:
STAAS & HALSEY LLP Our Docket: 1639.1043
Attention: David M. Pitcher
1201 New York Ave., N.W., 7th Floor
Washington, D.C. 20005
6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)
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☐ Authorized to be charged to deposit account.
8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
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David M. Pitcher, Reg. No. 25,908
Name of Person Signing

David M. Pitcher December 22, 2011
Signature 01 FC:8021 Date 40.00 OP

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U.S. ASSIGNMENT

Docket No.: **1639.1043**

S&H 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

FUJI ELECTRIC CO., LTD.
1-1 Tanabeshinden, Kawasaki-ku,
Kawasaki-shi, 210-9530, JAPAN

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME

relating to International Patent Application PCT/JP _____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on October 19, 2011.

Serial No. 13/276,740;

Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) Haruo Nakazawa November 15, 2011

Haruo NAKAZAWA

2) Takahito Harada November 15, 2011

Takahito HARADA

3) Fumio Shigeta November 15, 2011

Fumio SHIGETA

4) Kyohei Fukuda November 15, 2011

Kyohei FUKUDA

5) _____