503449037 08/24/2015

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
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| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| TAKAYUKI TANI | 02/03/1999 |
| TAKAO SHIBUYA | 02/03/1999 |
| HARUO HYODO | 02/03/1999 |

RECEIVING PARTY DATA

| Name: | SANYO ELECTRIC CO., LTD. |
|-----------------|-----------------------------|
| Street Address: | 5-5, KEIHAN-HONDORI 2-CHOME |
| City: | MORIGUCHI CITY, OSAKA |
| State/Country: | JAPAN |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 09584076 |

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| ATTORNEY DOCKET NUMBER: | 199705100D01 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | KELLY A. NELSON |
| SIGNATURE: | /Kelly A. Nelson/ |
| DATE SIGNED: | 08/24/2015 |

Total Attachments: 2

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> **PATENT** REEL: 036403 FRAME: 0242 503449037

ASSIGNMENT

| | In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned |
|--------------------------------|---|
| | Takayuki TANI, Takao SHIBUYA, and Haruo HYODO |
| Insert Name(s) of Inventor(s) | |
| | |
| | the undersigned hereby sell(s) and assign(s) to |
| Insert Name(s) of Assignee(s) | SANYO ELECTRIC CO. LTD. |
| Address | of <u>5-5</u> , Keihan-Hondori <u>2-chome</u> , Moriquchi City, Osaka, Japan |
| | (hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as |
| Title of Invention | METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE |
| Date of Signing of Application | for which an application for patent in the United States has been executed by the undersigned on February 3, 1999 |
| | |

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 continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States 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) 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.

PATENT REEL: 036403 FRAME: 0243 The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date February 3, 1999, Name of Inventor __ Takayuki TANI Date February 3, 1999, Name of Inventor ___ Takao SHIBUYA Date February 3, 1999, Name of Inventor ... Haruo HYODO Date _____, Name of Inventor _____ Date ______, Name of Inventor ______ Date ______, Name of Inventor _____ (This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.) Witness ACKNOWLEDGEMENT day of ______, 19_____, before me This personally came the above-named_____ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth. Official Signature SEAL Official Title The above application may be more particularly identified as follows: U.S. Application Serial No. ______Filing Date _____ Applicant Reference Number _____ Atty Docket No.____ Title of Invention

> PATENT REEL: 036403 FRAME: 0244

RECORDED: 08/24/2015