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Form PTO-1595 103261095 (Rev. 03/01)

| OMB No. 0651-0027 (exp. 5/31/2002) | Docket No. <u>0/56-7/33</u> | | |
|--|---|--|--|
| To the Honorable Commissioner of Patents and Trademarks | s: Please record the attached original documents or copy thereof. | | |
| 1. Name of conveying party(ies): | 2. Name and address of receiving party(ies) | | |
| Koichiro TANAKA Yoshiaki YAMAMOTO | Name: Semiconductor Energy Laboratory Co., Ltd. | | |
| TOSIIIAKI TAMAMOTO U | Internal Address: | | |
| Additional name(s) of conveying party(ies) attached? ☐ Yes 🗷 No | | | |
| 3. Nature of conveyance: | Street Address: 398, Hase | | |
| ✓ Assignment✓ Merger✓ Change of Name | Atsugi-shi | | |
| ☐ Other | City: Kanagawa-ken State: Zip: | | |
| | Country: <u>Japan</u> Postal Code: <u>243-0036</u> | | |
| Execution Date: March 27, 2006; March 19, 2006 | Additional name(s) & address(es) attached? | | |
| 4. Application number(s) or patent number(s); | | | |
| | olication, the execution date of the application is: | | |
| A. Patent Application No.(s) | B. Patent No.(s) | | |
| 11) 1582616 | | | |
| Additional numbers | attached? ☐ Yes ℤ No | | |
| 5. Name and address of party to whom correspondence | 7. Total number of applications and patents involved: 1 | | |
| concerning document should be mailed: | | | |
| Attorney Name: <u>Eric J. Robinson</u> Firm Name: <u>Robinson Intellectual Property Law Office</u> | 8. Total fee (37 CFR 3.41)\$40.00 | | |
| Internal Address: PMB 955 | E Enclosed | | |
| Street Address: 21010 Southbank Street, | | | |
| City: Potomac Falls State: VA Zip: 20165 | ☐ Authorized to be charged to deposit account | | |
| 6. Submission Type | 9. Deposit account number: | | |
| ☑ New☐ Resubmission (Non-Recordation) | 50-2280 | | |
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| 10. Statement and signature. | | | |
| To the best of my knowledge and belief, the foregoing true copy of the original document. | g information is true and correct and any attached copy is a | | |
| Eric J. Robinson, Reg. No. 38,285 | June 12, 2006 | | |
| Name of Person Signing | Signature Date | | |
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| | TE OF MAILING Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner | | |
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REEL: 017985 FRAME: 0449

PATENT

| Attorney Docket No. | |
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|---------------------|--|

ASSIGNMENT

| Serial No. | Filed |
|------------|-------|
| Seliai No. | riied |

WHEREAS, Koichiro TANAKA and Yoshiaki YAMAMOTO (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in LIGHT EXPOSURE APPARATUS AND MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE USING THE SAME for which an application for Letters Patent of the United States of America has been executed by the undersigned on , and;

WHEREAS, <u>Semiconductor Energy Laboratory Co.</u>, <u>Ltd.</u> of <u>398</u>, <u>Hase</u>, <u>Atsugi-shi</u>, <u>Kanagawa-ken 243-0036 Japan</u> and 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.

PATENT REEL: 017985 FRAME: 0450 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 convenants 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 of ROBINSON INTELLECTUAL PROPERTY LAW OFFICE 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 03/27/2006 Signature Koichir, TANAKA

| | Name | Koichiro TANAKA |
|---------------|---------------|--|
| Date 19/03/06 | | Yoshiaki YAMAMOTO Yoshiaki YAMAMOTO |
| _ | nen the execu | ably be acknowledged before a United States Consul on the Inventor(s) should be witnessed by at least e. |
| Witness | | Signature |
| Witness | | Signature |
| | | |

Signature

Witness

RECORDED: 06/12/2006

PATENT REEL: 017985 FRAME: 0451