06-16-2003 Form PTO-1595 **REC**(U.S. DEPARTMENT OF COMMERCE (Rev. 03/01) U.S. Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) Docket No. 0756-7068 102473391 Patents and Trademarks: Please record the attached original documents or copy thereof. To the Honorable Commissioner 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Name: Semiconductor Energy Laboratory Co., Ltd. JUN 1 1 2003 Hajime KIMURA Internal Address: ___ Additional name(s) of conveying party(ies 3. Nature of conveyance: Street Address: 398, Hase **⊠** Assignment Merger Atsugi-shi Change of Name ☐ Security Agreement City: Kanagawa-ken State: Zip: ☐ Other__ Country: Japan Postal Code: 243-0036 Execution Date: December 25, 2002 Additional name(s) & address(es) attached?

Yes
No 4. Application number(s) or patent number(s); If this document is being filed together with a new application, the execution date of the application is:_____ Patent Application No.(s) B. Patent No.(s) 10/283,370 Additional numbers attached? \(\subseteq \) Yes \(\subseteq \) 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: Eric J. Robinson 8. Total fee (37 CFR 3.41).....\$40.00 Firm Name: Robinson Intellectual Property Law Office Internal Address: PMB 955 Enclosed Street Address: 21010 Southbank Street, ☐ Authorized to be charged to deposit account City: Potomac Falls State: VA Zip: 20165 6. Submission Type 9. Deposit account number: **⋈** New 50-2280 ☐ Resubmission (Non-Recordation) Document ID# (Attach duplicate copy of this page if paying by deposit account) ☐ Correction of PTO Error Reel # Frame # ☐ Corrective Document Reel # Frame #_ DO NOT USE THIS SPACE 10. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Eric J. Robinson, Reg. No. 38,285 Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 3 CERTIFICATE OF MAILING

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner

Name: Adele M. Stamper

Washington, D.C. 20231

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for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on June 9, 2003

PATENT REEL: 014157 FRAME: 0840

ASSIGNMENT

Serial No. 10/283,370

Filed October 30, 2002

WHEREAS, <u>Hajime KIMURA</u> (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in <u>SIGNAL LINE DRIVING CIRCUIT AND LIGHT EMITTING DEVICE</u> 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., Ltd.</u> of <u>398, Hase, Atsugi-shi, Kanagawa-ken 243-0036 Japan</u> 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: 014157 FRAME: 0841 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 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 12/25/2002 | Signature Hajime KLMURA |
|-----------------|---|
| | Name <u>Hajime KIMURA</u> |
| Date | Signature |
| | Name |
| Date | Signature |
| | Name |
| Date | Signature |
| | Name |
| Date | Signature |
| | Name |
| | should preferably be acknowledged before a United States Consul or en the execution by the Inventor(s) should be witnessed by at least two d sign here. |
| Witness | Signature |
| Witness | Signature |
| Witness | Signature |

PATENT
RECORDED: 06/11/2003 REEL: 014157 FRAME: 0842