U.S. PTO 12/289881 11/06/2008

11-20-2008



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| 3. Nature of conveyance/Execution Date(s): | |
| Execution Date(s): October 29, 2008 | 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi |
| X Assignment Merger Change of Name | |
| Security Agreement Joint Research Agreement | City: Kyoto-fu |
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| 4. Application or patent number(s): | This document is being filed together with a new application. |
| A. Patent Application No.(s) | B. Patent No.(s) |
| This application | |
| | |
| Additional arms and the standard | |
| . Additional numbers attached? | Yes X No |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: |
| Name: Robert H. Berdo, Jr. RABIN & BERDO, PC | 7 |
| · | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 |
| Internal Address: Atty. Dkt.: MIY-140 Street Address: 1101 14th St., NW | |
| Suite 500 | Authorized to be charged to deposit account |
| | Enclosed |
| | None required (government interest not affecting title) |
| • | La restaura (Second Interest Not allecting title) |
| City: Washington | 8. Payment Information |
| State: DC Zip: 20005 | |
| Phone Number: (202) 371-8976 | |
| Fax Number: (202) 408-0924 | Deposit Account Number |
| Email Address:firm@rabinberdo.com | Authorized User Name |
| . Signature: | November 6, 2008 |
| / Signature | Dale |
| Robert H. Berdo, Jr 38,075 Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: 2 |
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PATENT REEL: 021870 FRAME: 0133

RABIN & BERDO, P.C., Washington, D.C.

RECORDED: 11/06/2008

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

| WILLIERS SOCIETO ANTINONA | |
|---|---|
| hereinafter referred to collectively as the assignor | , has invented a certain improvement relating to |
| SURFACE EMITTING LASER DIODE INCLUDI | ING GRATING LAYER |
| instrument; said application to be filed in the Unite [] said application having been filed in the United, authorization being here Jr., Phillip G. Avruch, and Allen Wood of RABIN | tion being executed concurrently with the execution of this ed States Patent and Trademark Office; d States Patent and Trademark Office on by given to my attorneys, Steven M. Rabin, Robert H. Berd & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C Serial No) the application serial |
| acquiring the entire right, title and interest in an continuations thereof, and in and to said invention including any and all renewals, reissues and prolon NOW THIS WITNESSETH, that for and in valuable consideration paid by said assignee to said assignor hereby assigns, sells and transferassigns, the full and exclusive right, title and interest and continuations thereof, and in and to said inventing including any and all renewals, reissues and processors and assigns, to have, hold, exercise a and continuations thereof, and the said invention including any and all renewals, reissues and processors in anywise arising from or appertaining such patents when granted, including any and all and benefit of said assignee, and said assignee manner as the said assignor might or could have I made. AND said assignor hereby agrees to perform successors or assigns, any and all acts relating to any and all renewals, reissues and prolongations to | consideration of One Dollar (\$1.00), and other good and add assigner, the receipt of which is hereby acknowledged as to said assignee, and said assignee's successors and est in and to said application, including any and all division and any and all patents which may be granted therefore to longations thereof; said assignee, and said assignee' and enjoy the said application, including any and all division and any and all patents which may be granted therefore to any and all patents which may be granted therefore to any and all patents which may be granted therefore the enjoyed thereof, with all the rights, powers, privileges and prenewals, reissues and prolongations thereof, for the use a large the enjoyed the same, if this assignment had not been the end and enjoyed the same, if this assignment had not been the obtaining or to the asserting of said patents, including the commissioner of Patents and Trademarks to issue the Commissioner of Patents and Trademarks to issue the all divisions and continuations thereof. |
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| Signature: | Signature |
| Name: | Name: Soichiro ARIMURA |
| Address: | |
| WITNESSES: | ASSIGNOR: |
| Signature: | Signature |
| Name: | Name: |
| Address: | |
| | |

PATENT REEL: 021870 FRAME: 0134