

05-14-2010

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To the Director of the U.S. Patent and Trademark Office

or the new address(es) below.

1. Name of conveying party(ies)

Jamie Knapp

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 10 Dec 2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

2. Name and address of receiving party(ies)

Name: Newport Corporation

Internal Address:

Street Address: 1791 Deere Avenue

City: Irvine

State: California

Country: USA Zip: 92606

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

12/741580

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Newport Corporation

Internal Address: Brian F. Swinton

Street Address: 1791 Deere Avenue

City: Irvine

State: CA Zip: 92606

Phone Number: (949) 253-1489

Fax Number: (949) 253-1221

Email Address: brian.swinton@newport.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-3411

Authorized User Name Brian F. Swinton

9. Signature:

*Brian F. Swinton*  
Signature

5 Mar 2010

Date

Brian F. Swinton  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents.

3

Documents to be recorded (including cover sheet) should be faxed to (877) 273-0449 or mailed to: 5/13/2010 10:00 AM 00000035 503411 12741580  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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40.00 DA

## ASSIGNMENT

WHEREAS, JAMIE KNAPP, residing in Mendon, Massachusetts (hereinafter "Assignor") has invented certain new and useful Improved Performance Optically Coated Semiconductor Devices and Related Methods of Manufacture (hereinafter "invention") for which the Assignor is making or has made an application for LETTERS PATENT OF THE UNITED STATES.

WHEREAS, Newport Corporation, a corporation organized and existing under the laws of the State of Nevada, US, having a place of business at 1791 Deere Avenue, Irvine, California, US., (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the invention within the United States of America and its territorial possessions and all foreign countries any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee the entire right, title and interest in and to the invention within the United States of America and its territorial possessions and all foreign countries and in and to any application for LETTERS PATENT and LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of Patents and Trademarks, US and its foreign counterparts, to issue the LETTERS PATENT when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the invention, and for maintaining and perfecting the Assignee's right to the invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

I hereby assign, sell, transfer, to the Assignee the entire right, title and interest in and to all inventions in any applications entitled Improved Performance Optically Coated Semiconductor Devices and Related Methods of Manufacture filed within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America.

Signed:

JAMIE KNAPP  
Jamie Knapp

10 December 2008  
DATE

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