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ECO U.S. Patent and Trademark Office SAL THE To the Director of the U.S. Patent and Traucing a Cinco. Trease record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): **HOYA CORPORATION** HAMAMATSUI PHOTONICS K.K. 7-5, Naka-Ochiai 2-chome, 1126-1, Ichino-cho, Shinjuku-ku, Tokyo, Hamamatsu-shi, Shizuoka, **JAPAN JAPAN** Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No 3. Nature of conveyance: ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: November 11, 2005 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: A. Patent Application No.(s) B. Patent No.(s) 09/107,130 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: SUGHRUE MION, PLLC 7. Total fee (37 CFR 3.41): \$40.00 WASHINGTON OFFICE Enclosed. ☐ Authorized to be charged to Deposit Account No. 19-4880. 23373 CUSTOMER NUMBER The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said 03/**(1**/2006 DBYRNE 00000036 09107130 Deposit Account. 01 FC:8021 8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. 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. Reg. No. 25,426 February 24, 2006 Alan J. Kasper Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

PATENT

REEL: 017604 FRAME: 0902

## ASSIGNMENT

Whereas, HOYA CORPORATION, with principal offices at 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo, JAPAN hereinafter called "Assignor", is the owner of the entire right, title and interest in U.S. Application S.N. 09/107,130, filed on June 30, 1998 and entitled FIBER BUNDLE AND LASER APPARATUS USING THE FIBER BUNDLE OF MANUFACTURING THE SAME (hereinafter, the '130 Application) and now has issued as U.S. Patent No. 6,272,155 (herinafter the '155 Patent), by virtue of an assignment from the inventors, Hiroshi SEKIGUCHI to Assignor on June 26, 1998 that was recorded on June 30, 1998 at Reel 9299, Frame 0014.

Whereas, HAMAMATSU PHOTONICS K. K., with principal offices at 1126-1, Ichinocho, Hamamatsu-shi, Shizuoka JAPAN, hereinafter called "Assignee", desires to acquire the entire undivided right, title, and interest in the '130 Application and inventions disclosed therein that is held by Assignor, and to any United States patents to be obtained therefor, including the '155 Patent;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

Assignor, hereby sells, assigns and transfers to the above named Assignee, it successors and assigns, the entire undivided right, title and interest in the '130 Application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and the '155 Patent, and Assignor requests the Commissioner of Patents to issue any Letters Patent subsequently granted upon the invention set forth in the '130 Application to the Assignee, its successors and assigns; and Assignor will execute without further consideration all papers deemed necessary by the Assignee in connection with the '130 Application and '155 Patent when called upon to do so by the Assignee.

Date: November 11, 2005

RECORDED: 02/24/2006

Signature:

President and Chief Executive Officer

Title: President and Chief Exe

PATENT REEL: 017604 FRAME: 0903