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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

R SHEET

Attorney Docket No.: 046124-5009 To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof. ATTN: BOX ASSIGNMENT 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Tokuaki NIHASHI Name: HAMAMATSU PHOTONICS K.K. Additional name(s) of conveying party(ies) attached? Internal Address: Yes X No 3. Nature of conveyance: Street Address: 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435-8558 Japan X Assignment __ Merger __ Security Agreement Change of Name Other City: State: Zip: Execution Date: June 14, 1999 Additional name(s) & address(es) attached? X 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: June 14, 1999 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached: Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: _1 concerning document should be mailed: 7. Total fee (37 C.F.R §3.41): <u>\$40.00</u> Mr. John G. Smith Name: X Enclosed **Internal Address:** Customer No. 09629 Authorized to be charged to deposit account 50-0310 Morgan, Lewis & Bockius LLP 07/27/1999 WCLAYBRO 00000168 09355102 02 Street Address: 1800 M Street, N. 8. Deposit account number: 50-0310 State: D'COO OP Zip City: Washington 20036 Attach duplicate of page if paying by deposit account 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. Elizabeth C. Weimar Name of Person Signing

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

Reg. No. P. 44, 478

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: METHOD OF BONDING GLASS MEMBERS for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application for United States Letters Patent on , (Application No.); and WHEREAS, HAMAMATSU PHOTONICS K.K., a corporation of Japan, whose post office address is 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435-8558 Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application; NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns. AND, I/WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No.) the filing date and application number of said application when known. IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s). **Full Name of Sole or First Assignor** Assignor's Signature: Date: Tokuaki Mihashi June 14, 1999 Tokuaki NIHASHI Address: Citizenship: c/o HAMAMATSU PHOTONICS K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka-ken 435-8558 Japan Japan Assignor's Signature: **Full Name of Second Assignor** Date: Address: Citizenship: Names of additional inventors attached [] Yes [X]No

> PATENT REEL: 010176 FRAME: 0412