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	Attorney Docket 040894-5682-US
To e Commissioner of Patents and Trademarks:	Attention: Mail Stop Assignment Recordation Services
Plene record the attached original documents or copy thereof.	Attention, mail stop Assignment Recordation services
1. More of conveying parties:	2. Name and address of receiving party:
(1) Hoya Corporation	Name: Hamamutsu Photonics K.K.
	Street Address: 1126-1, Ichino-cho Hamamatsu City, Shizuoka Pref. 435-8558, Japan
	Additional names & addresses attached?
Additional names of conveying parties attached? Yes No	☐ Yes ☑ No
3. Nature of conveyance:	
Assignment 🔲 Merger	
Security Agreement Change of Name	
Other	
Recution Date: (1) September 28, 2005	
4: Application numbers or patent numbers. 4: Application numbers or patent numbers. 4: Application numbers or patent numbers. 4: Application numbers of patent numbers. 4: Application numbers of patent numbers. 4: Application numbers of patent numbers. 5: Application numbers of patent numbers. 6: Application numbers of patent numbers. 7: Application numbers of patent numbers. 7: Application numbers of patent numbers. 7: Application numbers of patent numbers. 8: Application numbers of patent numbers. 8: Application numbers of patent numbers. 8: Application numbers of patent numbers. 9: Application numbers. 9: Applicat	
5. Name and address of party to whom correspondence concerning document should be mailed.	6. Total number of applications and patents involved. 1
Mame. Gregory T. Lowen	7. Total fee (37 C.F.R 3.41): \$40.00
Internal Address. Morgan, Lewis & Bockius 149 Intellectual Property Support Unit	☐ Enclosed ☑ Authorized to be charged to deposit account 50-0310
Street Address: H11 Pennsylvania Avenne, N.W. Washington DC 20004	8 Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account
9. Statement and Signature	
To the best of my knowledge and belief, the foregoing infor original document	rmation is true and correct and any attached copy is a true copy of the
Rame of Person Signing Signature	November 1, 2005 Date
Total	number of pages including cover sheet, attachments and documents. 2

PATENT REEL: 016958 FRAME: 0871

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ATTORNEY DOCKET NO.: 040894-5682 (Worldwide Rights)

ASSIGNMENT

THIS ASSIGNMENT AGREEMENT is by and between Hoya Corporation, a corporation of Japan and having a mailing address of 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo, Japan, and Hamamatsu Photonics K.K., a corporation of Japan and having a mailing address of 1126-1, Ichino-cho, Hamamatsu City, Shizuoka Pref., 435-8558, Japan.

WHEREAS by assignment recorded in the United States Patent and Trademark Office (Reel/Frame 011943/0105), Hoya Corporation owns title and interest in and to U.S. Patent Application 09/888,500 (now U.S. Patent 6,798,792) and in and to all applications filed, or that may be filed, claiming priority based on this patent application in all countries throughout the world;

WHEREAS, Hamamatsu Photonics K.K. is desirous of securing all interest in and to the rights of Hoya Corporation in U.S. Patent Application 09/888,500 (now U.S. Patent 6,798,792), and in and to the rights of Hoya Corporation in all applications filed, or that may be filed, claiming priority based on this U.S. Patent Application in all countries throughout the world;

NOW THEREFORE, be it known that, for and in consideration of good and valuable consideration the receipt of which is hereby acknowledged, Hoya Corporation hereby assigns to Hamamatsu Photonics K.K., its lawful successors and assigns, 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 all applications for Letters Patent filed, or that may be filed, claiming priority based on this U.S. Patent Application in any foreign country and all Letters Patent which may be granted on such applications in any foreign country, and all extensions, renewals, and reissues thereof.

IN TESTIMONY WHEREOF, Hoya Corporation has caused this ASSIGNMENT AGREEMENT to be duly signed.

HOYA CORPORATION

Name Hiroshi Suzuki

RECORDED: 11/01/2005

PATENT REEL: 016958 FRAME: 0872