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FORM PTO-1595 03-29-20	U.S. DEPARTMENT OF COMMERCE			
(Rev. 6-93)	Patent and Trademark Office			
	NIN III R R SHEET			
10338864	Attorney Docket No.: 46884-5476			
	IN: MAIL STOP ASSIGNMENT RECORDATION SERVICES			
Please record the attached original documents or copy the	reof.			
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):			
1) Norio KURITA 2) Tetsuya OSAJIMA	Name: Hamamatsu Photonics K.K.			
3) Masayoshi KUSUNOKI				
4) Tatsuya SUZUKI	Address: 1126-1, Ichino-cho,			
5) Toshimitsu WAKUDA	Hamamatsu-shi, Shizuoka 435-8558 Japan			
Additional names of conveying party(ies) attached? Yes No				
3. Nature of conveyance:				
_	Additional name(s) & address(es) attached?			
Assignment Merger	DV NN-			
☐ Security Agreement ☐ Change of Name ☐ Other	☐ Yes ☐ No			
Execution Date: (1) May 12, 2006; (2-4) May 9, 2006;				
(5) May 15, 2006				
4. New 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) 10/577,550	B. Patent No.(s)			
Additional numbers attached:				
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: John G. Smith	7. Total fee (37 C.F.R. §3.41): <u>\$40.00</u>			

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true

Signature

Deposit Account No. 50-0573

93/16/2007 0FRETT 00000039 105/7550 40.00 OP e ritbd2l

March 14, 2007

Date

Authorized to be charged to Deposit Account 50-0573

(Attach duplicate page if paying by deposit account)

Total number of pages including cover sheet, attachments and documents: 3

John G. Smith

9. Statement and Signature

copy of the original document.

Name of Person Signing

Peter J. Sistare, Reg. No. 48,183

Internal Address: DRINKER BIDDLE & REATH LLP Customer No. 55694

Street Address: 1500 K. Street, N.W., Suite 1100 City: Washington State: D.C. Zip: 20005-1209

Name:

ASSIGNMENT

Whereas, I/we,

 ,,
<u>Name</u>

Address

	c/o Hamamatsu Photonics K.K.,	
) Norio KURITA	1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan	
	c/o Hamamatsu Photonics K.K.,	
?) Tetsuya OSAJIMA	1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan	
	c/o Hamamatsu Photonics K.K.,	
Masayoshi KUSUNOKI	1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan	
	c/o Hamamatsu Photonics K.K.,	
Tatsuya SUZUK!	1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan	
	c/o Hamamatsu Photonics K.K.,	
) Toshimitsu WAKUDA	1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 Japan	

hereinafter called assignor(s), have invented certain improvements in SHUTTER UNIT AND LASER PROCESSING DEVICE USING SAME

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

Whereas

HAMAMATSU PHOTONICS K.K.

1126-1, Ichino-cho,

Hamamatsu-shi, Shizuoka 435-8558 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which 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.

	INVENTORS	DATE SIGNED
1):	Norio Kurita	May 12. 2006
Name:	Norio KURITA	m · · · · · ·
2):	Jetsuya Osajima Totsuya OSAJIMA	may 9, 2006
Name:	Tetsuya OSAJIMA	0 9 5 /
3):	Masayoshi Kusunoki Masayoshi Kusunoki	may 7. 2006
Name:	Masayoshi KUSUNOKI) O O O O O
4):	Jatsurya Duzuki Patsuya SUZUKI	may 9, 2006
Name:	Patsuya SUZUKI	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

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PATENT REEL: 019092 FRAME: 0920

RECORDED: 03/14/2007