PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hiroyuki IWASHITA	09/28/2010
Hiroaki SHISHIDO	09/28/2010
Atsushi KOMINATO	09/28/2010
Masahiro HASHIMOTO	09/28/2010

RECEIVING PARTY DATA

Name:	HOYA CORPORATION	
Street Address:	7-5, Naka-Ochiai 2-chome	
City:	Shinjuku-ku, Tokyo	
State/Country:	JAPAN	
Postal Code:	161-8525	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12935517

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Brian T. Murray, New Appl. Specialist	

Total Attachments: 1

PATENT REEL: 025391 FRAME: 0649 340.00 12935517

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PATENT REEL: 025391 FRAME: 0650

Assignment

Whereas, We, Hiroyuki IWASHITA of Shinjuku-ku, Tokyo Japan, Hiroaki
SHISHIDO of Shinjuku-ku, Tokyo Japan, Atsushi KOMINATO of Shinjuku-ku, Tokyo
Japan, and Masahiro HASHIMOTO of Shinjuku-ku, Tokyo Japan, hereinafter called
assignors, have invented certain improvements in PHOTOMASK BLANK, PHOTOMASK,
AND METHOD FOR MANUFACTURING PHOTOMASK BLANK and executed an
application for Letters Patent of the United States of America therefor on
· and

Whereas, HOYA CORPORATION, 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525 Japan (assignee), desire 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, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 12/935,517 and Confirmation number 4909, filed September 29, 2010) the application number and filing date of said application when known.

Date:	September 28, 2010	Hiroyuki (washifa	
	s/ Hiroyuki IWASHITA	·	
Date:	September 28, 2010	Hiroaki Shishido	
	s/ Hiroaki SHISHIDO		
Date:	September 28, 2010	Atsushi Kominato	
	s/ Atsushi KOMINATO		
Date:	September 28, 2010	Masahino Hashimoro	
	s/ Masahiro HASHIMOTO		

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

PATENT REEL: 025391 FRAME: 0651

RECORDED: 11/22/2010