

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Masahiro HASHIMOTO</td><td>10/21/2011</td></tr><tr><td>Hiroyuki IWASHITA</td><td>10/21/2011</td></tr><tr><td>Yasushi OKUBO</td><td>10/21/2011</td></tr><tr><td>Osamu NOZAWA</td><td>10/21/2011</td></tr></tbody></table>	Name	Execution Date	Masahiro HASHIMOTO	10/21/2011	Hiroyuki IWASHITA	10/21/2011	Yasushi OKUBO	10/21/2011	Osamu NOZAWA	10/21/2011	
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RECEIVING PARTY DATA											
Name:	HOYA CORPORATION										
Street Address:	7-5, Naka-Ochiai 2-chome										
City:	Shinjuku-ku, Tokyo										
State/Country:	JAPAN										
Postal Code:	1618525										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13260295</td></tr></tbody></table>	Property Type	Number	Application Number:	13260295							
Property Type	Number										
Application Number:	13260295										
CORRESPONDENCE DATA											
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Correspondent Name:	SUGHRUE MION, PLLC										
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Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037										
ATTORNEY DOCKET NUMBER:	Q126928										
NAME OF SUBMITTER:	Perri Michael, New Applic. Specialist										
Total Attachments: 1 source=ASSIGNMENT_AS_FILED#page1.tif											

OP \$40.00 13260295

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PATENT  
REEL: 027185 FRAME: 0575

## Assignment

Whereas, I (we), of Masahiro HASHIMOTO, Hiroyuki IWASHITA, Yasushi OKUBO, and Osamu NOZAWA hereinafter called assignor(s), have invented certain improvements in  
MASK BLANK AND TRANSFER MASK

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 1618525, 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, for valuable consideration, receipt whereof is hereby acknowledged,

I(We), the above named assignor(s), 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, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and I(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 I(we) hereby agree that the assignee may apply for foreign Letters Patent on the invention and I(we) will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I(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 13/260,295 and Confirmation number 9300, filed 09/24/2011) the application number and filing date of said application when known.

Date: October 21, 2011 Masahiro Hashimoto  
s/ Masahiro HASHIMOTO

Date: October 21, 2011 Hiroyuki Iwashita  
s/ Hiroyuki IWASHITA

Date: October 21, 2011 Yasushi Okubo  
s/ Yasushi OKUBO

Date: October 21, 2011 Osamu Nozawa  
s/ Osamu NOZAWA

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

**PATENT**

**RECORDED: 11/07/2011**

**REEL: 027185 FRAME: 0576**