

## 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>Shigenori FUJIO</td><td>12/09/2008</td></tr><tr><td>Teppei OKAMOTO</td><td>12/09/2008</td></tr><tr><td>Tomohiko KANZAKI</td><td>12/09/2008</td></tr></tbody></table>	Name	Execution Date	Shigenori FUJIO	12/09/2008	Teppei OKAMOTO	12/09/2008	Tomohiko KANZAKI	12/09/2008	
Name	Execution Date								
Shigenori FUJIO	12/09/2008								
Teppei OKAMOTO	12/09/2008								
Tomohiko KANZAKI	12/09/2008								
RECEIVING PARTY DATA									
Name:	HOYA CORPORATION								
Street Address:	2-7-5, Naka-Ochiai, Shinjuku-ku								
City:	Tokyo								
State/Country:	JAPAN								
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>12333660</td></tr></tbody></table>	Property Type	Number	Application Number:	12333660					
Property Type	Number								
Application Number:	12333660								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Leslie J. Paperner								
Total Attachments: 3 source=P35522_As#page1.tif source=P35522_As#page2.tif source=P35522_As#page3.tif									

OP \$40.00 12333660

PATENT

500729383

REEL: 021972 FRAME: 0035

ASSIGNMENT

WHEREAS, Shigenori FUJIO, a citizen of Japan, whose post office address is c/o HOYA CORPORATION, 2-7-5 Naka-Ochiai, Shinjuku-ku, Tokyo, Japan, Teppei OKAMOTO, a citizen of Japan, whose post office address is c/o HOYA CORPORATION, 2-7-5 Naka-Ochiai, Shinjuku-ku, Tokyo, Japan, and, Tomohiko KANZAKI, a citizen of Japan, whose post office address is c/o HOYA CORPORATION, 2-7-5 Naka-Ochiai, Shinjuku-ku, Tokyo, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

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for which they have jointly executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Roland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, William E. Lyddane, Reg. No. 41,568, and Robert W. Mueller, Reg. No. 35,043 of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191-1411, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

AND WHEREAS, HOYA CORPORATION, a corporation organized and existing under the laws of Japan, whose post-office address is 2-7-5 Naka-Ochiai, Shinjuku-ku, Tokyo, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and

advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective date(s) indicated below.

Witnessed by:

Shigenori Fujio  
Name

Dec. 9, 2008  
Date

Shigenori Fujio  
Shigenori FUJIO

Dec. 9, 2008  
Date

Manikae Anaki  
Name

12/9/2008  
Date

Witnessed by:

Shigenori Fujio  
Name

Dec. 9, 2008  
Date

Teppei Okamoto  
Teppei OKAMOTO

Dec. 9, 2008  
Date

Manikae Anaki  
Name

12/9/2008  
Date

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Witnessed by:

Mingfa Fendeh      Dec. 9, 2008  
Name                      Date

Tomohiko KANZAKI      Dec. 9, 2008  
Tomohiko KANZAKI      Date

Maiko Maki      12/9/2008  
Name                      Date