

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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>Satoshi INOUE</td><td>04/27/2011</td></tr><tr><td>Shuichi TAKEUCHI</td><td>04/27/2011</td></tr></tbody></table>	Name	Execution Date	Satoshi INOUE	04/27/2011	Shuichi TAKEUCHI	04/27/2011					
Name	Execution Date										
Satoshi INOUE	04/27/2011										
Shuichi TAKEUCHI	04/27/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>HOYA CORPORATION</td></tr><tr><td>Street Address:</td><td>2-7-5 Naka-Ochiai, Shinjuku-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>161-8525</td></tr></table>	Name:	HOYA CORPORATION	Street Address:	2-7-5 Naka-Ochiai, Shinjuku-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	161-8525	
Name:	HOYA CORPORATION										
Street Address:	2-7-5 Naka-Ochiai, Shinjuku-ku										
City:	Tokyo										
State/Country:	JAPAN										
Postal Code:	161-8525										
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>13096337</td></tr></tbody></table>	Property Type	Number	Application Number:	13096337							
Property Type	Number										
Application Number:	13096337										
CORRESPONDENCE DATA											
Fax Number: (703)716-1180 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 703-716-1191											
Email: gbpatent@gbpatent.com											
Correspondent Name: GREENBLUM & BERNSTEIN, P.L.C.											
Address Line 1: 1950 ROLAND CLARKE PLACE											
Address Line 4: RESTON, VIRGINIA 20191											
ATTORNEY DOCKET NUMBER:	P40110										
NAME OF SUBMITTER:	Leslie J. Paperner										
Total Attachments: 6 source=P40110_Assign#page1.tif source=P40110_Assign#page2.tif source=P40110_Assign#page3.tif source=P40110_Assign#page4.tif source=P40110_Assign#page5.tif source=P40110_Assign#page6.tif											

OP \$40.00 13096337

501514845

PATENT
REEL: 026194 FRAME: 0828

ASSIGNMENT

WHEREAS, **Satoshi INOUE**, a citizen of Japan, whose post office address is c/o HOYA CORPORATION, 2-7-5 Naka-Ochiai, Shinjuku-ku, Tokyo 161-8525, Japan, **Shuichi TAKEUCHI**, a citizen of Japan, whose post office address is c/o HOYA CORPORATION, 2-7-5 Naka-Ochiai, Shinjuku-ku, Tokyo 161-8525, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**TILT ANGLE ADJUSTMENT METHOD FOR OBJECTIVE LENS AND
OPTICAL INFORMATION RECORDING/REPRODUCING APPARATUS**

for which they have jointly executed, on the same date as this assignment, 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 practitioners of record in this application associated with Customer No. 07055 including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, William E. Lyddane, Reg. No. 41,568 and William S. Boshnick, Reg. No. 44,550, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, 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 161-8525, 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, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for 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 and all rights to sue for past and future infringement thereunder, 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, reexaminations, 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, reexaminations, 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 dates indicated below.

First Witness:

(Name)

(Date)

Satoshi INOUE

Satoshi INOUE

April 27, 2011
Date

Second Witness:

(Name)

(Date)

First Witness:

(Name)

(Date)

Shuichi TAKEUCHI

Date

Second Witness:

(Name)

(Date)

{FORMSWP 00022857.DOC}

ASSIGNMENT

WHEREAS, **Satoshi INOUE**, a citizen of Japan, whose post office address is c/o HOYA CORPORATION, 2-7-5 Naka-Ochiai, Shinjuku-ku, Tokyo 161-8525, Japan, **Shuichi TAKEUCHI**, a citizen of Japan, whose post office address is c/o HOYA CORPORATION, 2-7-5 Naka-Ochiai, Shinjuku-ku, Tokyo 161-8525, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**TILT ANGLE ADJUSTMENT METHOD FOR OBJECTIVE LENS AND
OPTICAL INFORMATION RECORDING/REPRODUCING APPARATUS**

for which they have jointly executed, on the same date as this assignment, 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 practitioners of record in this application associated with Customer No. 07055 including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, William E. Lyddane, Reg. No. 41,568 and William S. Boshnick, Reg. No. 44,550, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, 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 161-8525, 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, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for 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 and all rights to sue for past and future infringement thereunder, 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, reexaminations, 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, reexaminations, 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 dates indicated below.

First Witness:

(Name)

(Date)

Satoshi INOUE

Date

Second Witness:

(Name)

(Date)

First Witness:

(Name)

(Date)

Shuichi TAKEUCHI
Shuichi TAKEUCHI

Apr. 27, 2011
Date

Second Witness:

(Name)

(Date)

{FORMSWP 00022857.DOC}