

## PATENT ASSIGNMENT

Electronic Version v1.1

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| SUBMISSION TYPE:                                                                         | NEW ASSIGNMENT                 |
| NATURE OF CONVEYANCE:                                                                    | ASSIGNMENT                     |
| CONVEYING PARTY DATA                                                                     |                                |
| Name                                                                                     | Execution Date                 |
| Naoto KAWANAMI                                                                           | 08/18/2009                     |
| RECEIVING PARTY DATA                                                                     |                                |
| 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                                                                |                                |
| Property Type                                                                            | Number                         |
| Application Number:                                                                      | 12546931                       |
| CORRESPONDENCE DATA                                                                      |                                |
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| Correspondent Name:                                                                      | GREENBLUM & BERNSTEIN, P.L.C.  |
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| ATTORNEY DOCKET NUMBER:                                                                  | P36799                         |
| NAME OF SUBMITTER:                                                                       | Leslie J. Paperner             |
| Total Attachments: 2<br>source=p36799_assign#page1.tif<br>source=p36799_assign#page2.tif |                                |

OP \$40.00 12546931

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PATENT  
REEL: 023142 FRAME: 0232

ASSIGNMENT

WHEREAS, Naoto KAWANAMI, 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 ASSIGNOR, has invented a certain improvement relating to

IMAGING-DEVICE DRIVING UNIT AND IMAGING APPARATUS

for which he has executed, on the same date as this assignment, an application for Letters Patent for 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, 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, 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 ASSIGNOR hereby assigns, sells and transfers 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 ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees 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 ASSIGNOR authorizes and requests 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 ASSIGNOR, on the respective date(s) indicated below.

Witnessed by:

Mayuko Kawanami  
Name

Aug. 18, 2009  
Date

Naoto KAWANAMI  
Naoto KAWANAMI

2009/8/18  
Date

Mayuko Kobayashi  
Name

Aug. 18, 2009  
Date