

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>Motohiro KAWANABE</td> <td>05/09/2012</td> </tr> <tr> <td>Tatsuya MIYADERA</td> <td>05/09/2012</td> </tr> <tr> <td>Masayuki HAYASHI</td> <td>05/09/2012</td> </tr> <tr> <td>Kunihiro KOMAI</td> <td>05/08/2012</td> </tr> <tr> <td>Yasuo YAMAGUCHI</td> <td>05/08/2012</td> </tr> <tr> <td>Yoshinori SHIRASAKI</td> <td>05/08/2012</td> </tr> <tr> <td>Takeshi SHIKAMA</td> <td>05/08/2012</td> </tr> <tr> <td>Izumi KINOSHITA</td> <td>05/12/2012</td> </tr> <tr> <td>Susumu MIYAZAKI</td> <td>05/08/2012</td> </tr> <tr> <td>Takuhei YOKOYAMA</td> <td>05/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Motohiro KAWANABE	05/09/2012	Tatsuya MIYADERA	05/09/2012	Masayuki HAYASHI	05/09/2012	Kunihiro KOMAI	05/08/2012	Yasuo YAMAGUCHI	05/08/2012	Yoshinori SHIRASAKI	05/08/2012	Takeshi SHIKAMA	05/08/2012	Izumi KINOSHITA	05/12/2012	Susumu MIYAZAKI	05/08/2012	Takuhei YOKOYAMA	05/08/2012
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Application Number:	13474062																						
CORRESPONDENCE DATA																							
Fax Number:	(703)413-2220																						
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OP \$40.00 13474062

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NAME OF SUBMITTER:	Emel Hasan
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<p>Total Attachments: 4 source=399461USASN#page1.tif source=399461USASN#page2.tif source=399461USASN#page3.tif source=399461USASN#page4.tif</p>

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

RICOH COMPANY, LIMITED

3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555 Japan

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

**OPTICAL WRITING DEVICE, IMAGE FORMING APPARATUS, OPTICAL WRITING METHOD,
AND COMPUTER-READABLE RECORDING MEDIUM**

relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____; (Insert date of execution of application, if not concurrent)

(b) filed on _____

Serial No. _____/ _____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) <u>Motohiro Kawanabe</u> (Signature)	Motohiro KAWANABE (Type Name)	May 9, 2012 (Date)
2) <u>Tatsuya Miyadera</u> (Signature)	Tatsuya MIYADERA (Type Name)	May 9, 2012 (Date)
3) <u>Masayuki Hayashi</u> (Signature)	Masayuki HAYASHI (Type Name)	May 9, 2012 (Date)
4) <u>Kunihiro Komai</u> (Signature)	Kunihiro KOMAI (Type Name)	May 8, 2012 (Date)
5) <u>Yasuo Yamaguchi</u> (Signature)	Yasuo YAMAGUCHI (Type Name)	May 8, 2012 (Date)
6) <u>Yoshinori Shirasaki</u> (Signature)	Yoshinori SHIRASAKI (Type Name)	May 8, 2012 (Date)

7)	<u>Takeshi Shikama</u> (Signature)	<u>Takeshi SHIKAMA</u> (Type Name)	<u>May 8, 2012</u> (Date)
8)	<u>Izumi KINOSHITA</u> (Signature)	<u>Izumi KINOSHITA</u> (Type Name)	<u>May 8, 2012</u> (Date)
9)	<u>Susumu Miyazaki</u> (Signature)	<u>Susumu MIYAZAKI</u> (Type Name)	<u>May 8, 2012</u> (Date)
10)	<u>Takuhei Yokoyama</u> (Signature)	<u>Takuhei YOKOYAMA</u> (Type Name)	<u>May 8, 2012</u> (Date)

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7)	<hr/>	Takeshi SHIKAMA	<hr/>
	(Signature)	(Type Name)	(Date)
8)	<i>Izumi Kinoshita</i>	Izumi KINOSHITA	<i>May 12, 2012</i>
	(Signature)	(Type Name)	(Date)
9)	<hr/>	Susumu MIYAZAKI	<hr/>
	(Signature)	(Type Name)	(Date)
10)	<hr/>	Takuhei YOKOYAMA	<hr/>
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