501884891 04/11/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hidetoshi YAMASHITA	04/05/2012

RECEIVING PARTY DATA

Name:	Ricoh Company, Limited	
Street Address:	3-6, Nakamagome 1-chome, Ohta-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	143-8555	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13444309

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 aworden@oblon.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Oblon, Spivak, et al.

Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 397737US28

NAME OF SUBMITTER: Alva T. Worden

Total Attachments: 1

source=397737USASSIGN#page1.tif

PATENT REEL: 028028 FRAME: 0693 OF \$40.00 13444309

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, Ohto	a-ku, Tokyo 143-8555 Japan	
(hereinafter, "ASSIGNEE"), the receipt of which is h ASSIGNEE the entire and exclusive right, title and in (Title of Invention) OPTICAL DEVICE AND METHOD F	nterest to the invention entitled	NOR hereby sells, assigns and transfers to
relating to International Patent Application PCT/JP_executed on even date herewith or, if not so executed	and/or for which application , was:	for Letters Patent of the United States wa
(a) executed on	(Insert date of execution of apple	cation, if not concurrent)
(b) filed on;	Assignee's attorney is hereby data, when known.	authorized to insert in (b) the specified
and to said application and all Letters Patent(s) of the substitute, reissue or reexamination application based including any extensions thereof (collectively, hereins. The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said a	thereon, for the full term or terms for which the after, "said application(s) and Letters Patent(s) ASSIGNEE and without charge to but at the electron content of the cont	said Letters Patent(s) may be granted an ") expense of said ASSIGNEE, to do all acts aforcing protection for said invention, atent(s), in any interference, reissue
reexamination, or public use proceeding, and in any lit acts to include but not be limited to executing all pape sworn testimony, and obtaining and producing eviden IN WITNESS WHEREOF, the undersigned invent	ers, including separate assignments and declara- nce.	tions, taking all rightful oaths, providing
1) Hidetoski Yamashita	Hidetoshi YAMASHITA	<u>April 5, 2012</u> (Date)
(Signature)	(Type Name)	(Date)
2) (Signature)	(Type Name)	(Date)
(Signature)	(Type Name)	(Date)
4)(Signature)	(Type Name)	(Date)
5)(Signature)	(Type Name)	(Date)

PATENT REEL: 028028 FRAME: 0694

RECORDED: 04/11/2012