03/08/2011 U.S. DEPARTMENT OF COMMERCE Form PTO-1595 (Rev 0 03/16/2011 United States Patent and Trademark Office OMB No 0651-0027 (exp **COVER SHEET DNLY** ord the attached documents or the new address(es) below. 103620075 To the Director of th 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Katsuaki Miyawaki (03/01/2011), Hiromichi Ricoh Company, Limited Matsuda (03/01/2011), Tetsuo Watanabe (03/01/2011), and Nobuo Iwata (03/02/2011) Internal Address. Additional name(s) of conveying party(ies) attached? Street Address: 3. Nature of conveyance/Execution Date(s): 3-6, Nakamagome 1-chome Ohta-ku, Tokyo Execution Date(s) in parentheses after inventor name JAPAN x Assignment Merger Change of Name Joint Research Agreement Security Agreement City Government Interest Assignment State⁻ Executive Order 9424, Confirmatory License Country Additional name(s) & address(es) attached? X This document is being filed together with a new application. 4. Application or patent number(s): B Patent No (s) A Patent Application No (s) This application Additional numbers attached? 6. Total number of applications and 5. Name and address to whom correspondence 1 patents involved: concerning document should be mailed: John A. Castellano Name 40.00 HARNESS, DICKEY & PIERCE, P.L.C. 7. Total fee (37 CFR 1.21(h) & 3 41) Internal Address Atty Dkt 6164-000487/US Street Address P.O. Box 8910 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information City 20195 Zip State (703) 668-8000 Phone Number. Deposit Account Number (703) 668-8290 Fax Number Authorized User Name dcmailroom@hdp.com Email Address 9. Signature: March 8, 2011 Signature Total number of pages including cover John A. Castellano - 35,094 sheet, attachments, and documents: Name of Person Signing 03/09/2011 AWONDAF1 00000011 13064132

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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) DRIVING DEVICE AND IMAGE FORMING APPARATUS and/or for which application for Letters Patent of the United relating to International Patent Application States was executed on even date herewith or, if not so executed, was: (Insert date of execution of application, if not concurrent) (b) filed on _____ Assignee's attorney is hereby authorized to insert in (b) the specified Serial No ___/ 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 swom testimony, and obtaining and producing evidence IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s) Katsuaki MIYAWAKI (Type Name) Hiromichi MATSUDA (Type Name) **Tetsuo WATANABE** (Type Name) Nobuo IWATA (Type Name) (Date) (Type Name) (Signature)

RECORDED: 03/08/2011

PATENT REEL: 025964 FRAME: 0448