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REC 103013158 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. Name of conveying party(ies)/Execution Date(s): | 2. Name and address of receiving party(ies) Kazuyuki Tsubakihara Name: Canon Kabushiki Kaisha Internal Address: Execution Date(s) 5/10/05 Street Address: 3-30-2, Shimomaruko Additional name(s) of conveying party(ies) attached? Yes 🗸 No 3. Nature of conveyance: Merger City: Ohta-Ku Security Agreement Change of Name State: Tokyo Government Interest Assignment Country: Japan Zip: Additional name(s) & address(es) attached? ☐ Yes ✓ No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Canon U. S. A., Inc. IP Department 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: ✓ Authorized to be charged to deposit account Enclosed Street Address: 15975 Alton Parkway None required (government interest not affecting title) 8. Payment Information City: Irvine a. Credit Card Last 4 Numbers State: California Zip: 92618-3731 Expiration Date __ Phone Number: 949-932-3132 b. Deposit Account Number 502456 Fax Number: 949-932-3560 Authorized User Name Marlene Klein Email Address: 9.Signature: 🔻 Marlene Klein Total number of pages including cover sheet, attachments, and documents: Name of Person Signing

Documents to be resorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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> **PATENT** REEL: 016604 FRAME: 0618

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SOLE (BEFORE APPLICATION FILED)

ASSIGNMENT

FOR VALUE RECEIVED, I Kazuyuki Tsubakihara

citizen of Japan

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of Japan

having a place of business at 3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

FILE SYSTEM, FILE RECORDING METHOD, AND FILE READING METHOD

and described in an application for Letters Patent of the United States which is filed concurrently herewith and was executed by me in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and I hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND I authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

AND I hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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AND I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

By: Kazuyuki Isubakihara Date: May 10, 2005
Kazuyuki Tsubakihara

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