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<b>Form-PTO-1595</b> <b>1-31-92</b>	<b>TRAN</b>	 <b>101516388</b>	<b>RDATION</b> <b>Atty. Docket: 35.C14503</b>
To the Commissioner of Patents		1 original documents or copy thereof.	
1. Name of conveying party(ies): (1) Sanae IKEDA  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies):  Name: <u>CANON KABUSHIKI KAISHA</u>  Foreign Address: <u>30-2, Shimomaruko 3-chome, Ohta-ku,</u> <u>Tokyo, Japan</u>  Domestic Address: _____  City: _____ State _____ ZIP _____  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: <u>June 23, 2000</u>		4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application Number: <u>09/580,955</u>  Filing Date: <u>May 30, 2000</u>  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Fitzpatrick, Cella, Harper &amp; Scinto</u>  <u>30 Rockefeller Plaza</u>  <u>New York, New York 10112-3801</u>  Telephone No.: <u>(212) 218-2100</u>  Facsimile No.: <u>(212) 218-2200</u>		6. Number of applications and patents involved:  <p style="text-align: center;">One</p> 7. Total fee (37 CFR 3.41): . . . \$ <u>40.00</u>  <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number (for deficiency or excess):  <u>06-1205</u> (Attach duplicate copy of this page if paying by deposit account)	
<b>DO NOT USE THIS SPACE</b>			
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.</i>  <div style="display: flex; justify-content: space-between;"> <div> <u>Brian L. Klock - Reg. No. 36,570</u>            Name of Person Signing         </div> <div style="text-align: center;">             Signature         </div> <div> <u>October 5, 2000</u>            Date         </div> </div> <p style="text-align: right;">Total number of pages including cover sheet, attachments, and documents: 2</p>			

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**PATENT**  
**REEL: 011232 FRAME: 0947**

SOLE

(AFTER APPLICATION FILED)

**ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES**

FOR VALUE RECEIVED, I, SANAE IKEDA

citizen of Japan

residing at 1-6-1005, Shimoda-cho 4-chome, Kohoku-ku, Yokohama-shi,  
Kanagawa-ken, Japanhereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA  
a corporation of Japan

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

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for  
the United States, in and to certain inventions relating toPRINTING APPARATUS, RESOLUTION CONVERSION PRINTING METHOD FOR  
PRINTING APPARATUS, AND STORAGE MEDIUM STORING COMPUTER-READABLE  
PROGRAMand described in an application for Letters Patent of the United States filed by me on May 30, 2000  
and which has been accorded Application No. 09/580,955and 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 I hereby authorize and request the  
Commissioner for Patents and Trademarks of the United States to issue all Letters Patent 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 patent  
or other form of protection for said inventions, the 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, 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 legal and formal equivalent of any  
assignment, consent to file or like document which may be required in the United States for any purpose and more  
particularly in proof of the right of 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.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 protection for said inventions in  
the United States.By: Sanae Ikeda  
SANAE IKEDADate: June 23 2000