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08306 U.S. PTO
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<p>1. Name of conveying party(ies): Toshihiro Sunaga Katsumi Kurematsu Takayuki Ishii Yoshiaki Kurioka Sawako Chatani</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: Canon Kabushiki Kaisha Address: 3-30-2 Shimomaruko, Ohta-ku Tokyo, Japan</p> <p>Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Other 10/630407</p> <p>Execution Date(s): July 15, 2003; July 15, 2003; July 18, 2003; July 15, 2003 and July 8, 2003, respectively.</p>	<p>4. Patent Application number(s) Herewith</p> <p>Execution Date(s): July 15, 2003; July 15, 2003; July 18, 2003; July 15, 2003 and July 8, 2008, respectively.</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Morgan & Finnegan LLP Address: 345 Park Avenue New York, NY 10154-0053 Tel: 212-758-4800 Fax: 212-751-6849</p>	<p>6. Total number of applications involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input checked="" type="checkbox"/> A check in the amount of \$40.00 is enclosed.</p> <p><input type="checkbox"/> Charge to Deposit Account No.: 13-4500, Order No. _____.</p> <p><input checked="" type="checkbox"/> Charge any deficiencies to Deposit Account 13-4500 Order No. 1232-5088. (A duplicate copy of this sheet is enclosed)</p>

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of original document.

Name of Person Signing	Signature	Date:
Stephen J. Manetta	<i>Stephen Manetta</i>	July 30, 2003
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JOINT
(BEFORE APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Toshihiro Sunaga, Katsumi Kurematsu, Takayuki Ishii, Yoshiaki Kurioka, and Sawako Chatani

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 the United States, in and to certain inventions relating to

PROJECTION OPTICAL SYSTEM, PROJECTION TYPE IMAGE DISPLAY APPARATUS, AND IMAGE DISPLAY SYSTEM

and described in an application for Letters Patent of the United States executed by each of us, respectively, on the date indicated below and in and to said application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we 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 we 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 us.

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

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all 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: Toshihiro Sunaga
Toshihiro Sunaga

Date: July 15, 2003

By: Katsumi Kurematsu
Katsumi Kurematsu

Date: July 15, 2003

By: Takayuki Ishii
Takayuki Ishii

Date: July 18, 2003

By: Yoshiaki Kurioka
Yoshiaki Kurioka

Date: July 15, 2003

By: Sawako Chatani
Sawako Chatani

Date: July 8, 2003