Docket No.: B588-021

FORM PTO-1595 (Modified) 01-07-2002 EET U.S. DEPARTMENT OF COMMERCE (Rev. 03-€1) OMB No 0651-0027 (exp.5/31/20 Patent and Trademark Office P08/REV03 Tab settings -To the Honorable Commissioner of Patonis and Tradellians. Flease record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Kenichiro MATSUURA, Hiroshi SATOMI, Satoshi IGETA. Atsushi INOUE, Kosuke ITO Name: Canon Kabushiki Kaisha Internal Address: Additional names(s) of conveying party(ies) attached? \( \subseteq \text{Yes} \) No Nature of conveyance: Assignment Merger Street Address: 3-30-2, Shimomaruko, Ohta-ku Security Agreement ☐ Change of Name Other City: Tokyo, JAPAN \_\_\_\_ State: \_\_\_\_ ZIP: Execution Date: September 21, 2001 Additional name(s) & address(es) attached? Yes No 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: July 19, 2001 A. Patent Application No.(s) B. Patent No.(s) 09/909,042 Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Robin, Blecker & Daley 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Street Address: 330 Madison Avenue 8. Deposit account number: 18-1644 (Attach duplicate copy of this page if paying by deposit account) City: New York State: NY DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. October 2 2 2001 Marylee Jenkins, Reg. No. 37,645 Signature Date Name of Person Signing 00000113 03909042 mber of pages including cover sheet, attachments, and document: /04/2002 DBYRHE Mail documents to be recorded with required cover sheet information to 01 FC:581

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

JOINT (AFTER APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Kenichiro Matsuura, Hiroshi Satomi,
Satoshi Iqeta, Atsushi Inoue and Kosuke Ito

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

## INFORMATION PROVIDING SYSTEM AND APPARATUS AND METHODS THEREFOR

and described in an application for Letters Patent of the United States filed by us on July 19, 2001 and which has been accorded Application No. 09/909, 042

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 of 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 filed by it or them, the benefit of the right or 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 convenant 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 convenant 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.

Bv:	Keniehiro Matsuura	Date: Sep 21, 2001
,	Kenichiro Matsuura	
Ву:	Recoshi katomi	Date: Septister 21, cac/
	Hiroshi Satomi	/
Ву:	Saloshi igela Satoshi Igeta	Date:
	_	
Ву:	Struti leur	Date: Sep 2/ 2001
	Atsushi Inóue	
Ву:	Stow	Date: Sept. 2/st, 200/
~ /	Kosuke Ito	

PATENT REEL: 012415 FRAME: 0131

**RECORDED: 12/31/2001**