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For 1-31	m-PTO-1595	TRANSMITTA		21-2005	N Atty. Docket: 03500.103724	
1-51	To the Director U.S. Potent and Tradema				1 documents or copy thereof.	
1.	Name of conveying party(ies):		1029	922786	receiving party(ies):	
		OIPE -	re.	Nome: CANON KAR	TICHIKI KAICHA	
	Iideaki Yui Iakoto Uehara		Name: CANON KABUSHIKI KAISHA			
4) K	'akashi Tsunoda Lenichiro Ono Masaki Nakano	JAN 1 3 2005				
	Additional name(s) of conv	reving party(jes) attach	ed?	Tokyo, Japan		
1		X No		Domestic Address:		
3.	Nature of conveyance: X Assignment Security Agreement	Merger Change of Na	me	City: State ZIP Additional name(s) & address(es) attached? Yes X No		
	Other	er er	<u></u>	Additional name(s) &		
	Execution Date: 1) 3) 4) & 5) October 27, 2004; 2) October 29, 2004					
4.	 Application number(s) or patent number(s): If this document is being filed together with a new application, t A. Patent Application Number: 10/951,715 Filing Date: September 29, 2004 			the execution date of the application is: B. Title of Invention: INFORMATION PROCESSOR, TV SYSTEM, CONTROL METHOD AND PROGRAM		
	Additional numbers attached? Yes X No					
51	Name and address of party to whom correspondence			6. Number of applications and patents involved:		
	concerning document shou	Id be mailed:		One		
	Name: Fitzpatr	Fitzpatrick, Cella, Harper & Scinto 30 Rockefeller Plaza				
	30 Rocl			7. Total fee (37 CFR 3.41): \$40.00		
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PATENT REEL: 016152 FRAME: 0414

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JOINT (AFTER APPLICATION FILED)

ASSIGNMENT

FOR VALUE RECEIVED, WE Hideaki Yui, Makoto Uehara, Takashi Tsunoda, Kenichiro Ono and Masaki Nakano

citizens of Japan

residing, respectively, at Kanagawa, Japan; Kanagawa, Japan; Kanagawa, Japan; Kanagawa, Japan; Kanagawa, 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

INFORMATION PROCESSOR, TV SYSTEM, CONTROL METHOD AND PROGRAM

and described in an application for Letters Patent of the United States executed by us, and filed on September 29, 2004 as Application No. 10/951,715, and 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 we 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 Assignce 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 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 us.

AND we 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.

Page 1 of 2

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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 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: Rideaki fin Date: October 27, 2004

By: Makete Uchara Date: October 29, 2004 Makoto Uchara

By: Jakashi Isunoda Date: October 27, 2004 Takashi Tsunoda

By: <u>Kenichiro Ono</u> Date: <u>October</u> 27, 2004 Kenichiro Ono

By: Marchi Nahan ____ Date: October 27. 2004

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RECORDED: 01/13/2005