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	m-PTO-1595 TRAN 1-92			ORDATION Atty. Docket: 35.C13845
	To the Commissioner of Patent			l original documents or copy thereof.
1.	Name of conveying party(ies):	1012280	09	ddress of receiving party(ies):
	SAAKI IWANE. TAKAO YONEHAR YOFUMI SAKAGUCHI AND KAZUTA		Name:	CANON KABUSHIKI KAISHA
	Additional name(s) of conveying party Yes X No	(ies) attached?	Foreign Addres	ss: 30-2, Shimomaruko 3-chome, Ohta-ku
		DE 1999		Tokyo, Japan
3.		erger nange of Name		ress:
	Execution Date: November 12, 1999			StateZIP
4.	Application number(s) or patent numb		Additional nan	ne(s) & address(es) attached? Yes No
	Filing Date: September 22, 1999 Addition	onal numbers attached?		D APPARATUS FOR PRODUCING TRIC CONVERSION DEVICE X No
5.	Name and address of party to whom correspondence concerning document should be mailed:		6. Number of	applications and patents involved:
	Name: Fitzpatrick, Cella, 1	James R. Caissa		One
	30 Rockefeller Plaz		7. Total fee (3	37 CFR 3.41): \$ 40.00
	New York, New Y		X Enclose Authori	ed zed to be charged to deposit account
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9.	Statement and signature.)		
!	To the best of my knowledge and belief copy of the original document	the foregoing informatio	n is true and the	attached is the original document or is a true
	Elizabeth F. Holowacz Name of Person Signing	Signa	ture	December 3, 1999 Date
L		Total number of	pages including o	cover sheet, attachments, and documents: 3

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PATENT REEL: 010438 FRAME: 0599

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, MASAAKI IWANE, TAKAO YONEHARA, KAZUAKI OHMI, SHOJI NISHIDA, KIYOFUMI SAKAGUCHI and KAZUTAKA YANAGITA

citizens of JAPAN residing respectively at

10-1, Asahi-cho 2-chome, Atsugi-shi, Kanagawa-ken, Japan; 2235-2, Nurumizu, Atsugi-shi, Kanagawa-ken, Japan; 581-4, Niiharu-cho, Midori-ku, Yokohama-shi, Kanagawa-ken, Japan; 3168-30, Okazaki, Hiratsuka-shi, Kanagawa-ken, Japan; 19-2-504, Eda Higashi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa-ken, Japan; and 8-8-302, Mori 1-chome, Isogo-ku, Yokohama-shi, Kanagawa-ken, Japan

hereby 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 to

METHOD AND APPARATUS FOR PRODUCING PHOTOELECTRIC CONVERSION DEVICE

and described in an application for Letters Patent of the United States filed by us on September 22, 1999 and which has been accorded Application No. 09/401,775 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 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 Assignce 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.

PATENT REEL: 010438 FRAME: 0600 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 protection for said inventions in the United States.

By MASAAKI IWANE	Date: 007/10/0 11 1859
By Taken Gorehma	Date: Newsuper /2, 14/4)
By RAZUAKI OHMI	Date: 300 Sez 15 1999
By: Modern Should SHOJI NISHIDA	
By: Auformi Sakaguchi	Date: Mensmitter 4, 1949
By: <u>Greataka Yanagata</u> KAZUTAKA Y ANAG ITA	Date: Recomber C. 1895
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