Form-PTO-1595 1-31-92	TRA
To the Director,	U.S. Patent aı
1. Name of conveying pa	arty(ies):
KAZUHIKO MIYAH TORU SHINANO	ARA, TOSHIMI CHIBA
Additional name(s) of Yes	conveying party(ies) atta
	12:
3. Nature of conveyance X Assignment Security Agreement Other	Merger
Execution Date: November 27, 2001	ember 27, 2001, December

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CORDATION

1-3	1-92	Atty. Docket:35.CD11411
	To the Director, U.S. Patent at 1019201	21 ched original documents or copy thereof.
1.	Name of conveying party(ies):	2. Name and address of receiving party(ies):
	KAZUHIKO MIYAHARA, TOSHIMI CHIBA, and TORU SHINANO	Name: CANON KABUSHIKI KAISHA
	Additional name(s) of conveying party(ies) attached? \square Yes \boxed{X} No	Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku
	12:11.01	Tokyo, Japan
3.	Nature of conveyance: X Assignment	Domestic Address:
<u>Nov</u>	Execution Date: November 27, 2001, December 3, 2001, and rember 27, 2001	City: State ZIP
		Additional name(s) & address(es) attached? Yes x No
4.	Application number(s) or patent number(s): If this document is being filed together with a new application, A. Patent Application Number: Filing Date: 29/15/707 Additional numbers attached?	
5.	Name and address of party to whom correspondence	6. Number of applications and patents involved:
	concerning document should be mailed:	One
	Name: Fitzpatrick, Cella, Harper & Scinto	
	30 Rockefeller Plaza	7. Total fee (37 CFR 3.41): \$ 40.00
	New York, New York 10112-3801	X Enclosed Authorized to be charged to deposit account
	Telephone No.: (212) 218-2100	8. Deposit account number (for deficiency or excess)
	Facsimile No.: (212) 218-2200	O6-1205 (Attach duplicate copy of this page if paying by deposit account)
	DO NOT USE	
9.	Statement and signature.	
	To the best of my knowledge and belief, the foregoing informate true copy of the original document.	tion is true and the attached is the original document or is a
A	nthony M. Zupcic (Reg. No. 27,2760 Name of Person Signing Sign	December 10, 2001 Date
/19/	2001 LMJELLER 00000091 29151707 Total number of	of pages including cover sheet, attachments, and documents:2
i FC:	581 40.00 OP #122	

PATENT REEL: 012369 FRAME: 0389

JOINT (BEFORE APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, KAZUHIKO MIYAHARA, TOSHIMI CHIBA and TORU SHINANO

citizens of JAPAN

residing respectively at 11-48-B102, Komaoka 5-chome, Tsurumi-ku, Yokohama-shi, Kanagawa-ken, Japan; 8-85, Matsugaoka 2-chome, Chigasaki-shi, Kanagawa-ken, Japan; and 7-2-502, Kita Yamata 5-chome, Tsuzuki-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

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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 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: Kazuhiko Miyahara KAZUHIKO MIYAHARA	Date: Nov. 27, 200/
By: Toshimi Chiba	Date:
By: Torn shurror TORU SHINANO	Date: Nov. 27, 200/
Ву:	Date:
Ву:	Date:
By:	Date:

PATENT REEL: 012369 FRAME: 0390

RECORDED: 12/11/2001