7-rm-PTO-1595 TRA -31-92 \2\2\4\4		ORDATION Atty. Docket:862.3178	
To the Commissioner of Pater 1012382	59	ed original documents or copy thereof.	
. Name of conveying party(ies):	2. Name at	nd address of receiving party(ies):	
YASUO MORI, KOJI NAKAGIRI, SATOSHI NISHIKAWA and YASUHIRO KUJIRAI	Name: <u>CAN</u>	NON KABUSHIKI KAISHA	
Additional name(s) of conveying party(ies) attached?		35	
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Nature of conveyance:  X Assignment	Domestic A	ddress:	
Execution Date: December 14, 1999			
	City:	State ZIP	
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Application number(s) or patent number(s):  If this document is being filed together with a new application.	the execution	date of the application is: December 14, 1999	
A. Patent Application Number: Filing Date:		e of Invention: CONTROL METHOD AND APPARATUS. A ER	
Additional numbers attached?	Yes	X No 09 466643	
. Name and address of party to whom correspondence concerning document should be mailed:	6. Number	of applications and patents involved:	
concerning document should be maned:		One	
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Statement and signature.

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

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December 17, 1999

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page 1

JOINT (BEFORE APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, We, Yasuo MORI, Koji NAKAGIRI, Satoshi NISHIKAWA and Yasuhiro KUJIRAI

citizens of Japan residing respectively at

19-15-407, Toyotamakita 2-chome, Nerima-ku, Tokyo, Japan;

8-21-403, Kitakase 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan;

35-4-207, Shinishikawa 1-chome, Aoba-ku, Yokohama-shi, Kanagawa-ken, Japan; and

34-1, Chuo 4-chome, Ohta-ku, Tokyo, 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, 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 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.

PATENT REEL: 010463 FRAME: 0612 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: Jasuo Mori Date: December 14, 1997

By: Koji Nakagiri Date: December 14, 1999

By: <u>Satoshi Nishikawa</u> Date: <u>December 14. 1999</u>
Satoshi NISHIKAWA

By: Jasuhia Kigirai Date: Leamlur 14. 1999
Yasuhiro KUJIRAI

**RECORDED: 12/20/1999** 

PATENT REEL: 010463 FRAME: 0613