Form-PΓO-1595 TRANSM 1-31-92		ATION Atty. Docket: 35.C14733
To the Director, U.S. Patent and Tra 10	1560383	original documents or copy thereof.
1. Name of conveying parties:	2. Name and add	dress of receiving party:
HIDEO TAKA TAKANOBU TSUNEMIYA	Name: <u>CANON</u>	KABUSHIKI KAISHA
Additional name(s) of conveying party (es) attached? Yes X No	Foreign Address:	30-2, Shimomaruko 3-chome, Ohta-ku Tokyo, Japan
3. Nature of conveyance: X Assignment	Domestic Addres	s:
Execution Date: September 22, 2000		State ZIP
1 ()	Additional name(s) & address(es) attached. Tes [X] 110
 Application number(s) or patent number(s): If this document is being filed together with a new applica A. Patent Application Number: 09/648,769 Filing Date: August 28, 2000 	tion, the execution date B. Title of In	of the application is:
If this document is being filed together with a new applica A. Patent Application Number: 09/648,769	tion, the execution date B. Title of In LENS BARR	of the application is:nvention:
If this document is being filed together with a new applica A. Patent Application Number: 09/648,769 Filing Date: August 28, 2000	tion, the execution date B. Title of In LENS BARR d?	of the application is:nvention: EL CONTROL APPARATUS
If this document is being filed together with a new applica A. Patent Application Number: 09/648,769 Filing Date: August 28, 2000 Additional numbers attached 5. Name and address of party to whom correspondence concerning document should be mailed:	tion, the execution date B. Title of In LENS BARR d?	of the application is:
If this document is being filed together with a new applica A. Patent Application Number: 09/648,769 Filing Date: August 28, 2000 Additional numbers attache 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Fitzpatrick, Cella, Harper & Scinto 30 Rockefeller Plaza	tion, the execution date B. Title of In LENS BARR d? Yes 6. Number of ap 7. Total fee (37	of the application is:
If this document is being filed together with a new applica A. Patent Application Number: 09/648,769 Filing Date: August 28, 2000 Additional numbers attache 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Fitzpatrick, Cella, Harper & Scinto	tion, the execution date B. Title of In LENS BARR d? Yes 6. Number of ap 7. Total fee (37 X Enclosed Authorize	of the application is:
If this document is being filed together with a new applica A. Patent Application Number: 09/648,769 Filing Date: August 28, 2000 Additional numbers attache 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Fitzpatrick, Cella, Harper & Scinto 30 Rockefeller Plaza	tion, the execution date B. Title of In LENS BARR d? Yes 6. Number of ap 7. Total fee (37 X Enclosed Authorize 8. Deposit acco	of the application is:

true copy of the original document. Christopher Philip Wrist, Reg. No. 32,078

Name of Person Signing

Signature

December 11, 2000

Date

Total number of pages including cover sheet, attachments, and documents: 2

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PATENT

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JOINT (AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, HIDEO TAKA and TAKANOBU TSUNEMIYA

citizens of JAPAN residing respectively at

4-54, Kita Terao 5-chome, Tsurumi-ku, Yokohama-shi, Kanagawa-ken, Japan; and 762-19, Nishi Kubo, Chigasaki-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

LENS BARREL CONTROL APPARATUS

and described in an application for Letters Patent of the United States filed by us on August 28, 2000 and which has been accorded Application No. 09/648,769 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.

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.

for said inventions in the officer officers	0 st la 22 2000
By: Mideo Taka HIDEO TAKA	Date: September 22, 2000
HIDEO TAKA	Date: September 22, 2000
By: Jakanobu Jounemya TAKANOBU TSUNEMIYA	Date:
	Date:
By:	
	Date:
By:	
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By:	

RECORDED: 12/11/2000

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