Form-PTO-1595 1-31-92	TRANSMITTAI	Atty. Docket: 2975.0006
To the Director, U.S. Patent and Trademan		101917894 documents or copy thereof.
 Name of conveying partie TAKESHI KOYAMA KOJI HOSHI 	S: OF 2000 2	2. Name and address of receiving party: Name: CANON KABUSHIKI KAISHA
Additional name(s) of cor	3.	? Foreign Address: <u>3-30-2, Shimomaruko, Ohta-ku</u> Tokyo, Japan
3. Nature of conveyance: X Assignment Security Agreement Other	☐ Merger ☐ Change of Name	Domestic Address:
Execution Date: 1) Novemb	er 20, 2001 and 2) November 21	City: State ZIP
		Additional name(s) & address(es) attached?
A. Patent Application No Filing Date: October		B. Title of Invention: OPTICAL APPARATUS attached? Yes X No
Name and address of part concerning document sho	y to whom correspondence	
Name: Fitzpa	rick, Cella, Harper & Sci	
	ckefeller Plaza	X Enclosed Authorized to be charged to deposit account
	York, New York 10112-38	8. Deposit account number (for deficiency or excess)
Telephone No.: (212) Facsimile No.: (212)		O6-1205 (Attach duplicate copy of this page if paying by deposit account):
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To the best of my knowle true copy of the original	edge and belief, the foregondocument.	ing information is true and the attached is the original document or is a
Christopher Philip Wrist, Re Name of Person Si	g. No. 32,078 gning To	Signature Date Signature of pages including cover sheet, attachments, and documents: 2

CPW\gmc

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PATENT

JOINT

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED. WE. Takeshi Koyama and Koji Hoshi

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 the United States, in and to certain inventions relating to

OPTICAL APPRATUS

and described in an application for Letters Patent of the United States filed by us on October 17, 2001 and which has been accorded Application No. 09/978048

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 of 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 filed by it or them, the benefit of the right or 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 convenant 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 convenant 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 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.

Bv:	Takeshi Koyama	Date: Normany de dee/
	rakeshi Koyama Koji Hoshi Koji Hoshi	Date:
		Date:
By:		Date:
Ву:		Date:

PATENT REEL: 012357 FRAME: 0019