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1. Name of conveying party(ies): (1) Takashi KATO (2) Chiaki TERASAWA (3) Hiroyuki ISHII  Additional name(s) of conveying party(ies) attached? The Yes X No		Name: CANON KABUSHIKI KAISHA  Foreign Address: 3-30-2 Shimomaruko, Ohta-ku,  Tokyo, Japan		
	lerger hange of Name	Domestic Address:		
Execution Date: September 25, 2000		City:	State ZIP	
		Additional name(s) & address(es)	attached? Yes X No	
If this document is being filed togethe A. Patent Application Number: 09/5 Filing Date: June 12, 2000		the execution date of the application  B. Title of Invention:  PROJECTION OPTICAL SYST  EXPOSURE APPARATUS WIT  DEVICE MANUFACTURING 1	EM AND PROJECTION TH THE SAME, AND	
Addit	ional numbers attached?	Yes X No		
5. Name and address of party to whom concerning document should be mailed	-	6. Number of applications and p		
Name: Fitzpatrick, Cella,	Harper & Scinto	On the second		
30 Rockefeller Pla	aza	7. Total fee (37 CFR 3.41):	\$	
New York, New Y	York 10112-3801	X Enclosed Authorized to be charged		
Telephone No.: (212) 218-2100		8. Deposit account number (for	deficiency or excess)	
Facsimile No.: (212) 218-2200		(Attach duplicate copy of this paccount)		
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9. 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.				
Steven E. Warner - Reg. No. 33,326  Name of Person Signing  Signature  Total number of pages including cover sheet, attachments, and documents: 2				

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PATENT REEL: 011220 FRAME: 0161

## Assignment

FOR VALUE RECEIVED		
Takashi KATO	Chiaki TERASAWA	and Hiroyuki ISHII

citizen(s) of Japan

residing at (respectively)

2-2-12-507 Oozo, Utsunomiya-shi, Tochigi-ken, Japan;

336-2-7-201 Hiramatsuhoncho, Utsunomiya-shi, Tochiqi-ken, Japan; and

4-3-21-312 Mine, Utsunomiya-shi, Tochigi-ken, Japan

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

PROJECTION OPTICAL SYSTEM AND PROJECTION EXPOSURE APPARATUS WITH THE SAME, AND DEVICE MANUFACTURING METHOD

and described in an application for Letters Patent of the United States filed on 12/JUN/2000 as Application No. 09/591,218 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 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 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: Jakashi Kato Date: September 25, 2000

By: Chiaki Terasawa Date: September 25, 2000

By: Attroyale for i Date: September 25,2000

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**RECORDED: 10/10/2000** 

PATENT REEL: 011220 FRAME: 0162