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Form-PTO-1595 TRAN				ORDATION AND A SECURIOR					
1-31-92				Atty. Docket: 35.C15697 ed original documents or copy thereof.					
1.	To the Director, U.S. Patent an Name of conveying party(ies):	1018969	52	address of receiving party(ies):					
1.	. /	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \							
	MAHITO SHINOHARA		Name: CANON KABUSHIKI KAISHA						
	Additional name(s) of conveying party(ies) and the								
	Yes X No		Foreign Add	ress: 30-2, Shimomaruko 3-chome, Ohta-ku					
			Tokyo, Japan						
3.	Nature of conveyance:								
	X Assignment Mer Security Agreement Char	ger nge of Name							
		Other		Domestic Address:					
	Execution Date: October 19, 2001								
			Citv:	State ZIP					
4.	Application number(s) or natent number	(e):	Additional n	ame(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, the execution date of the application is:								
	A. Patent Application Number: 09/9	35,589	B. Title of Invention:						
	Filing Date: August 24, 2001		SOLID-STATE IMAGE						
			PICKUP APPARATUS						
	l e e e e e e e e e e e e e e e e e e e								
	Additional numbers attached? Yes X No								
5.	Name and address of party to whom correspondence concerning document should be mailed:		6. Number of applications and patents involved:						
			One						
	Name: Fitzpatrick, Cella, Harper & Scinto								
	30 Rockefeller Plaza		7. Total fee	e (37 CFR 3.41): \$ 40.00					
			X Enclo						
	New York, New York	rk 10112-3801		orized to be charged to deposit account					
j 1	Telephone No.: (212) 218-2100		8. Deposit	account number (for deficiency or excess)					
١.	Facsimile No.: (212) 218-2200	1	(Attach d	uplicate copy of this page if paying by deposit account):					
1,5	72001 GTON11 00000100 09935589		(Attach u	uplicate copy of this page it paying by deposit account).					
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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.								
1	(38, 584,)								
	Joseph W. Ragusa SSG Joseph W. Ragn November 9, 2001								
	Name of Person Signing Signature Date								
Total number of pages including cover sheet, attachments, and documents: 2									

SOLE

(AFTER APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, I, Mahito Shinohara

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

SOLID-STATE IMAGE PICKUP APPARATUS

and described in an application for Letters Patent of the United States filed by me on August 24, 2001 and which has been accorded Application No. 09/935,589

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 I 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 I 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 me.

AND I 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 I hereby covenant that I have the full right to convey the entire right, title and interest herein assigned and that I have not executed and will not execute any agreement in conflict herewith.

AND I hereby covenant and agree that I will communicate to said Assignee or nominees all facts known to me 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.

By:_	Mahito Shinohava	Date:	October	19	2001
•	Mahito Shinohara				

PATENT
RECORDED: 11/13/2001 REEL: 012303 FRAME: 0706