<sup>02</sup> -28-2002 <del></del>					
Form-PTO-1595 TR HAR HAR HAR HAR HAR HAR HAR HAR HAR HA					CORDATION
1-31-92				Atty. Docket: 03500.016002	
	To the Direc	tor, U.S. Patent	10199604		cached original documents or copy thereof.
1.	Name of conveying	ng party.	्र १	2. 11444	and address of receiving party:
	TETSUYA SHIMIZU FEB 2 2 2002			Name: CANON KABUSHIKI KAISHA	
	Additional name(s) of conveying party(ies) attached?  Yes   X  No			Foreign .	Address: 3-30-2, Shimomaruko, Ohta-ku,
	2.22.02			Tokyo, Japan	
3.	Nature of conveyance:  X Assignment			Domestic Address:	
	Execution Date: December 27, 2001			City:	State ZIP
				Additional name(s) & address(es) attached?  Yes X No	
<ul> <li>4. Application number(s) or patent number(s):         If this document is being filed together with a new application, the execution date of th         A. Patent Application Number: 10/000,087         B. Title of Invent     </li> </ul>					itle of Invention:
AN IMAGE SIGNAL BY USING MEMORY					
Additional numbers attached?				∐ Yes	S X No
5.	. Name and address of party to whom correspondence concerning document should be mailed:			6. Num	ber of applications and patents involved:  One
	Name:	Fitzpatrick, Cella, Har	per & Scinto		
	30 Rockefeller Plaza		7. Total	fee (37 CFR 3.41): \$ 40.00	
		New York, New York	10112-3801	1 ==	nclosed uthorized to be charged to deposit account
	Telephone No.: _	(212) 218-2100		8. Depo	sit account number (for deficiency or excess)
	Facsimile No.: _	(212) 218-2200		(Attac	06-1205 ch duplicate copy of this page if paying by deposit account):
2/27/2002 DBYRNE 00000094 10000087					
FC:581 40.00 OP DO NOT USE THIS SPACE					
9.	Statement and sig	gnature.			
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.					
Christopher Philip Wrist, Reg. No. 32,078					February 22, 2002
		rson Signing	Sign	ature	Date
1			\ /	1	uding cover sheet, attachments, and documents: 2

CPW\gmc

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PATENT REEL: 12606 FRAME: 0869

SOLE

(AFTER APPLICATION FILED)

## ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, I, Tetsuya Shimizu

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

IMAGE PICKUP APPARATUS FOR PROCESSING AN IMAGE SIGNAL BY USING MEMORY

and described in an application for Letters Patent of the United States filed by me on <code>December 4</code> ,  $\,\,$  2001 and which has been accorded Application No. 10/000.087

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: Tetsuya Shimiyu Date: December . 27 200/ Tetsuya Shimizu

**RECORDED: 02/22/2002** 

PATENT **REEL: 12606 FRAME: 0870**