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1.	Name of conveying party(ies): 101085313	and address of receiving party(ies):
1.	SATOSHI NISHIKAWA; KOJI NAKAGIRI;	z and address of receiving party(ies).
	YASUO MORI and YOSUHIRO KUJIRAI	Name: CANON KABUSHIKI KAISHA
	Additional name(s) of conveying party(ies) attached? Yes X No	Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan
3.	Nature of conveyance:	
J.	X Assignment	500
	Security Agreement Change of Name Other	Domestic Address:
	Execution Date: June 22, 1999	City: State ZIP
4.	Application number(s) or patent number(s):	Additional name(s) & address(es) attached? Yes X No
4.	If this document is being filed together with a new application	the execution date of the application is: June 22, 1999
	A. Patent Application Number:	B. Title of Invention: IMAGE PROCESSING
	rr	APPARATUS, METHOD, AND SYSTEM
	Filing Date:	
5.	Additional numbers attached? Name and address of party to whom correspondence concerning document should be mailed:	Yes X No 6. Number of applications and patents involved:
	contenting document enough of mance.	One
	Name: Fitzpatrick, Cella, Harper & Scinto	
	30 Rockefeller Plaza	7. Total fee (37 CFR 3.41): \$ 40.00
		X Enclosed
	New York, New York 10112-3801	· · · · · · · · · · · · · · · · · · ·
	Telephone No.: (212) 218-2100	Authorized to be charged to deposit account Deposit account number (for deficiency or excess)
	Facsimile No.: (212) 218-2200	O6-1205
///	000 NACINE AAAAAAA A0749021	(Attach duplicate copy of this page if paying by deposit account):
FC:5	1999 DNGUYEN 00000090 09342921 DO NOT USE i81 40.00 DP	THIS SPACE
9.	Statement and signature.	
	To the best of my knowledge and belief, the foregoing informative copy of the original document.	tion is true and the attached is the original document or is a
·	Jack M. Arnold Joseph M. Chu	le Par # 25,823 June 29, 1999
	Name of Person Signing Sign	nature Date
	Total number o	f pages including cover sheet, attachments, and documents: 3

PATENT REEL: 010071 FRAME: 0380

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JOINT (BEFORE APPLICATION FILED)

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, We, Satoshi NISHIKAWA, Koji NAKAGIRI,

Yasuo MORI and Yasuhiro KUJIRAI

residing respectively at

35-4-207, Shinishikawa 1-chome, Aoba-ku, Yokohama-shi, Kanagawa-ken, Japan; 8-21-403, Kitakase 3-chome, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan; 19-15-407, Toyotamakita 2-chome, Nerima-ku, Tokyo, Japan; and 34-1, Chuo 4-chome, Ohta-ku, Tokyo, Japan

ereby 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

IMAGE PROCESSING APPARATUS, METHOD, AND SYSTEM

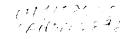
and described in an application for Letters Patent of the United States executed by each of us, respetively, on the date indicated below and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and 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.

PATENT REEL: 010071 FRAME: 0381



page 2

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.

By: Satoshi hishikawa Date: June 22, 1999

By: Koji Makagini Date: June 22, 1999

Koji NAKAGIRI

By: Jasua Mori Date: June 22, 1999

Yasuo MORI

By: Jasua Kujirai Date: June 22, 1999

Yasuhiro KUJIRAI

RECORDED: 06/30/1999

PATENT REEL: 010071 FRAME: 0382