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For 1-31	m-PTO-1595 1-92	TRA	I TRANS MEN BANK MARK MINE AND REAL			ORDATION	Atty. Do	ocket: 169.1520	
	To the Commissioner o	f Pater	1013242	70)	ed original docum	nents or copy	y thereof.	
1.	Name of conveying party(ies) ANDREW PETER BRADLE					address of receivi	ing party(ies)	:	
					Name: CANON KABUSHIKI KAISHA				
	Additional name(s) of convey Yes	ving party(i X No	10 34	Fo	oreign Addr	ess: 30-2, Shimom	naruko 3-cho	me, Ohta-ku	
			MAR 1 3 2008] -		Tokyo, Japan	n		
3.	Nature of conveyance: Assignment Merger Security Agreement Change of Name Other			Domestic Address:					
	Execution Date: February 2	5, 2000		C	ity:		State	ZIP	
				A	dditional na	me(s) & address(es	s) attached?	Yes 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: 09/454,964				B. Title of Invention: A MODIFIED KERNEL FOR IMAGE				
	Filing Date: December	6, 1999			INTE	RPOLATION			
		Addition	nal numbers attached?	[Yes	X No			
5.	Name and address of party to whom correspondence concerning document should be mailed: Name: Fitzpatrick, Cella, Harper & Scinto			6.	Number o	of applications and	patents invol	ved:	
						0	ne		
			_	7.	Total fee	(37 CFR 3.41):	. \$	40.00	
	30 Rockef		ork 10112-3801		Enclos	sed rized to be charged	d to deposit a	ccount	
	Telephone No.: (212) 218-2100			8.	Deposit a	ccount number (for	r deficiency	or excess)	
	Facsimile No.: (212) 218-	-2200			(Attach du		1205 page if paying	by deposit account):	
	DO NOT USE THIS SPACE								

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.

LEONARD P. DIANA

Name of Person Signing 04/17/2000 DNGUYEN 00000189 09454964 01 FC:581

March 16, 2000

Date

Total number of pages including cover sheet, attachments, and documents: 2

NY_MAIN 68939 v 1

PATENT REEL: 010690 FRAME: 0242

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ASSIGNMENT

FOR VALUE RECEIVED, WE Andrew Peter Bradley, and Kai Huang,

citizens of Australia

residing, respectively, at 68 The Bulwark Castleerag, New South Wales 2068 Australia; and 4 Linley Place Cecil Hills, New South Wales 2171, Australia

hereby 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 A MODIFIED KERNEL FOR IMAGE INTERPOLATION

and described in an Application No. 09/454,964 by us on December 6, 1999,

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.

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.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal this 2^{4} day of $\sqrt{F_{c}} T_{c} = 2000$

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RECORDED: 03/17/2000

PATENT REEL: 010690 FRAME: 0243