		08-13-2001		
Form-PTO-1595 1-31-92			Atty. Docket: 169. 2025	
	To the Director, U.S.	101808942	original documents or copy thereof.	
1.	Name of conveying party(ie.,	1010000	and address of receiving party(ies):	
	Kevin John Moore	AUG 0 8 2001	Name: CANON KABUSHIKI KAISHA	
	Additional name(s) of conveying	ng party(ies)/####################################		
		08/08/01	Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku Tokyo, Japan	
3.	Nature of conveyance: X Assignment Security Agreement Other	☐ Merger ☐ Change of Name	Domestic Address:	
	Execution Date: July 16, 200	1		
			City:StateZIP	
			Additional name(s) & address(es) attached? Yes x No	
	A. Patent Application Numbe Filing Date: April 18, 2001	r: 09/836,226	B. Title of Invention: RENDERING GRAPHIC OBJECT BASED IMAGES Yes X No	
5.	Name and address of party to we oncerning document should be		6. Number of applications and patents involved:	
	Name: Fitzpatrick,	Cella, Harper & Scinto	One	
	30 Rockefe	ller Dleze	7. Total fee (37 CFR 3.41): \$ 40.00	
		New York 10112-3801	X Enclosed Authorized to be charged to deposit account	
	Telephone No.: (212) 218-2	:100	8. Deposit account number (for deficiency or excess)	
	Facsimile No.: (212) 218-2	200	O6-1205 (Attach duplicate copy of this page if paying by deposit account):	
8/10/2001 DBYRNE 00000229 09836226 1 FC:581 40.00 DP DO NOT USE THIS SPACE				
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.			
Jack M. Arnold Name of Person Signing Signature Total number of pages including cover sheet, attachments, and documents:2				

Form #122 NY_MAIN 190536 v 1

> PATENT REEL: 012055 FRAME: 0982

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, I

Kevin John MOORE

residing at

9/29 Fonteroy Road, North Ryde, New South Wales 2113, 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 146, 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

Rendering Graphic Object Based Images

and described in an application for Letters Patent of the United States filed by us on 18 April 2001

and which has been accorded Application No. 09/836226

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 I hereby authorize and request the Commissioner of 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 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.

 $\mathbf{R}_{\mathbf{V}^*}$

Kevin John MOORE

RECORDED: 08/08/2001

Date: 16 July 2001

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PATENT REEL: 012055 FRAME: 0983