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Attorney Docket: P000183/1531P **US Department of Commerce** Patent & Trademark Office

_	102217180					
To th	102217180 e Assistant Commissioner of Patents: Please record	SFP -4 FM 5 23 the attached original documents or copy thereof.				
	FI	NANCE SECTION				
1.	Name of conveying party(ies):	* 2. Name and address of receiving party(ies):				
	1. Steven E. Molnar 9-4-02 2. David B. Kirk	* * Name: NVIDIA Corporation *				
	3. John Stephen Montrym 4. Douglas A. Voorhies	 Street Address: 2701 San Tomas Expressway City: Santa Clara State: CA ZIP: 95050-2519 				
	Additional name(s) of conveying party(ies) attachedYes XX No	* Additional name(s) & address(es) attached? * Yes XX No				
3.	Nature of conveyance:					
	X Assignment Recordation Correction REEL/FRAME: 011343/0780	Assignment Execution Date: November 17, 2000 (ALL)				
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 No.(s)	* B. Patent No.(s)				
	09/675,099 filed on September 28, 2000	*				
	Additional numbers attached?Yes XX No	* Additional numbers attached? Yes XX No				
5.	Name and address of party to whom correspondence concerning document should be mailed:	* 6. Total Number of applications and patents * involved: One *				
	Name: Joseph A. Sawyer, Jr.	* 7. Total fee (37 CFR 3.41)\$ 40.00				
	Address: Sawyer Law Group LLP Street	 Enclosed XX Authorized to be charged to deposit account 				
	Address: P.O. Box 51418 Palo Alto, California 94303	 * 8. Deposit Account Number: <u>02-2120</u> (Sawyer Law Group LLP) * (Attach copy of this page) 				
9.	Statement and signature.					
	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.					
	August 30, 2002 Date	Joseph A. Sawyer, Jr., Reg. No. 30,801				
	Total number of pages including	g cover sheet, attachments, and documents: 3				

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09/10/2002 GTDW11

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PATENT REEL: 013266 FRAME: 0166

Attorney Docket: P000183/1531P

ASSIGNMENT

Whereas, I/we

INVENTOR	(1)	Steven E. Molnar		of	Chapel	Hill,	
AND CITY		County of Orange		and State	e of	North Carolina	
INVENTOR	(2)	David B. Kirk		of	Santa C	Clara,	
AND CITY		County of Santa Clara		and State	e of	California,	
INVENTOR	(3)	John Stephen Montrym		of	Los Alte	os,	
AND CITY		County of Santa Clara		and State	of	California,	
INVENTOR	(3)	Douglas A. Voorhies		of	Menio I	Park,	
AND CITY		County of San Mateo		and State	of	California,	
	have in	vented certain improvements	in				
TITLE	MET	HOD AND SYSTEM FO	OR EFFICIENT	ΓANTIA	ALIASI	ED RENDERING	G
	and exe	ecuted, respectively, a United	States patent appl	ication th	erefor on	ı	
DATES THAT INVENTOR(S)	(1)	7 November	_, 2000	(3)			., 2000
SIGNED THE DECLARATION	(2)		_, 2000	(4)			, 2000
desires to acquire the enti- obtained therefor;	re right, t	PORATION, having a place title and interest in the said appropriate consideration, receipt w	oplication and inve	ention, and	i to any l	United States and fo	reign patents to be
and transfer to nVidia, its for the United States and request the Commissione successors and assigns; a	successor foreign or of Pater and we he	table consideration, receipt wors and assigns, the entire rigiocountries, and all rights of pints to issue any Letters Pater reby agree that nVidia may and the United States and foreign	ht, title and interest riority resulting front granted upon the apply for foreign	st in the s om the fi he inventi Letters Pa	aid appli ling of s ons set f itent on s	cation and invention aid United States and forth in said applicates said invention and v	n therein disclosed oplication, and we ation to nVidia, its

Signed: CITY (1) at Chapel H:11, NC Steven E. Mohen SIGNATURE **INVENTOR** DATE on 17 Nov. ,2000 **CITY** (2) at _____ SIGNATURE David B. Kirk **INVENTOR** DATE on ______, 2000 (3) at _____ CITY SIGNATURE John Stephen Montrym **INVENTOR** DATE on ______, 2000 SIGNATURE CITY Douglas A. Voorhies **INVENTOR** DATE on _______, 2000

> PATENT REEL: 013266 FRAME: 0167

Attorney Docket: P000183/1531P

ASSIGNMENT

Whereas, I/we

AND CITY County of Durhan and State of North Carolina INVENTOR (2) David B. Kirk County of Santa Clara, and State of California, INVENTOR (3) John Stephen Montrym County of Santa Clara and State of California, INVENTOR (4) Douglas A. Voorhies AND CITY County of Santa Clara and State of California, INVENTOR (5) Douglas A. Voorhies AND CITY County of San Mateo of Menlo Park, AND CITY County of San Mateo of Menlo Park, AND CITY County of San Mateo TITLE METHOD AND SYSTEM FOR EFFICIENT ANTIALIASED RENDERING and executed, respectively, a United States patent application therefor on DATES THAT (1)	INVENT		(1) Steven	Steven E. Molnar		of		Chapel Hill,		
AND CITY County of Santa Clara and State of California, INVENTOR (3) John Stephen Montrym County of Santa Clara of Los Altos, and State of California, INVENTOR (4) Douglas A. Voorhies County of San Mateo of Menlo Park, and State of California, INVENTOR AND CITY Douglas A. Voorhies County of San Mateo of Menlo Park, and State of California, have invented certain improvements in ITILE METHOD AND SYSTEM FOR EFFICIENT ANTIALIASED RENDERING and executed, respectively, a United States patent application therefor on DATES THAT (1)	·		()	County of Durhan		and State of		of	of North Carolina	
INVENTOR (3) John Stephen Montrym County of Santa Clara and State of California, NOCITY (b) Douglas A. Voorhies County of San Mateo for Menlo Park, and State of California, have invented certain improvements in TITLE METHOD AND SYSTEM FOR EFFICIENT ANTIALIASED RENDERING and executed, respectively, a United States patent application therefor on DATES THAT INVENTOR(S) SIGNED THE DECLARATION (1)			(2)				Stota		•	
AND CITY County of Santa Clara and State of California, INVENTOR (b) Douglas A. Voorhies County of San Mateo AND CITY Douglas A. Voorhies County of San Mateo AND CITY AND California, METHOD AND SYSTEM FOR EFFICIENT ANTIALIASED RENDERING And State of California, AND CITY AND CALIFORNIA, AND CALIFORNIA, AND CALIFORNIA, AND CITY AND CALIFORNIA, AND CALIFORNIA, AND CALIFORNIA, AND CITY AND CALIFORNIA, AND	AND CI	14		County of Santa Ciara		anu s	State	OI .	Camornia,	
INVENTOR AND CITY Douglas A. Voorhies AND CITY County of San Mateo of Menlo Park, and State of California, have invented certain improvements in METHOD AND SYSTEM FOR EFFICIENT ANTIALIASED RENDERING and executed, respectively, a United States patent application therefor on DATES THAT INVENTOR(S) SIGNED THE DECLARATION (2) Whereas, NVIDIA CORPORATION, having a place of business at Santa Clara, California 95051, (hereinafter called NVIDIA) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor; Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to nVidia, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to nVidia, its successors and assigns; and we hereby agree that nVidia may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by nVidia. Signed: CITY (1) at SIGNATURE	INVENT	OR	(3)						•	
NVENTOR AND CITY County of San Mateo and State of California, have invented certain improvements in TITLE METHOD AND SYSTEM FOR EFFICIENT ANTIALIASED RENDERING and executed, respectively, a United States patent application therefor on DATES THAT (1)	AND CI			County of Santa Clara		and S	State	of	California,	
have invented certain improvements in TITLE METHOD AND SYSTEM FOR EFFICIENT ANTIALIASED RENDERING and executed, respectively, a United States patent application therefor on DATES THAT (1)	INVENT	OR .	4	Douglas A. Voorhies		of		Menlo P	Park,	
and executed, respectively, a United States patent application therefor on DATES THAT (1)			(-)	•				of		
and executed, respectively, a United States patent application therefor on DATES THAT (1)			have in	vented certain improvement	s in					
DATES THAT (I)	TITLE		METI	HOD AND SYSTEM FO	OR EFFICIEN	ΓΑΝ	TIA	LIASE	ED RENDERI	ING
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CITY (1) atSIGNATURE	and tranfor the request	Now therefore, for significant to acquire the entire of the therefore, for significant to a notice of the commissioner or and assigns; an accessary in connections are connected to account the commissioner or and assigns; an accessary in connected the commissioner or and assigns; and assigns are connected to account the connected	or a valu successor foreign of Pate and we he	able consideration, receipt vors and assigns, the entire ricountries, and all rights of the to issue any Letters Patereby agree that nVidia may	whereof is hereby a ght, title and intere priority resulting f ent granted upon to apply for foreign	acknown acknown acknown the investigation to the investigation to the investigation acknown ac	wled the she fiventi	ged, we, aid appli ling of s	the above name ication and inversald United State forth in said appreciated invention a	ed, hereby sell, assign ntion therein disclosed es application, and we plication to nVidia, its
CIII (1) at		0.0								
	CITY	(1) at		Steven F Main	ar					

Douglas A. Voorhies INVENTOR

PATENT

RECORDED: 09/04/2002

REEL: 013266 FRAME: 0168

SIGNATURE INVENTOR

SIGNATURE

INVENTOR

SIGNATURE