	. 11-25-	-2002 ET .
MSFT-1083/191773 To The Honorable Commission	per of Ref	had arisinal decomposite as account to use f
1. Name of conveying party(ie	s): 10229	2709 ned original documents of copy thereof.
	11-18-02	Name: Silicon Graphics, Inc.
Brian Keith Cabral First Assignor	March 16, 2002 Date of Execution	Street Address: 1600 Amphitheatre Parkway
5	2 4.0 91 2	·
		City: Mountain View
Second Assignor	Date of Execution	State California ZIP 94043
		Additional name(s) & address attached? TYES NO
Third Assignor	Date of Execution	3. Nature of Conveyance (check only one):
Tilliu Assignor	Date of Execution	New Assignment ☐ Merger
		License Agreement Security Agreement
Fourth Assignor	Date of Execution	Change of Name Other:
		Cross-reference of Assignment filed in United States
		Application No. / , , recorded on at Reel No. and Frame No.
Fifth Assignor	Date of Execution	
		A Section 1
Sixth Assignor	Date of Execution	TINANCE TO
<i>2</i>	Date of Excountry	S
Additional name(s) of conveying party	(ies) attached? TYES NO	SECT SECT
4. Identification of Application	number(s), patent number(s)	OR date of execution of application to which assignment refers:
Application Nos.:	Patent Nos.:	Date application was signed by the first named executing inventor
09/369,359, filed August 6, 19	99	named executing inventor
		(Fill-in this date only if assignment is filed
		together with a new application)
5. Name and address of party to		
concerning documents should b	pe mailed:	6. Total number of applications and patents involved: 1
Name: Raymond N. Scott, Jr.		7. Total fee (37 CFR 3.41): \$40.00
WOODCOCK WASHBURN L One Liberty Place - 46th Floor	LP	☑ Enclosed☐ Authorized to be charged to Deposit Account Number
Philadelphia, Pennsylvania 191	103-7301	23-3050
215-568-3100		8. Please charge any deficiency or credit any overpayment to
25/2002 GTON11 00000058 09369	9359	Deposit Account Number 23-3050
FC:8021	40.00 0P DO NOT I	USE THIS SPACE
9. Statement and signature.	-	
To the best of my knowledge at original document.	nd belief, the foregoing inform	ation is true and correct and any attached copy is a true copy of the
MaryAnn Devine	Mary	an Alvine 11/13/03
Name of Person Signing/Reg. N	No.	Signature / Date
Total 1	number of pages including cove	er sheet, assignment document and additional pages attached thereto: 3
Mail documents to be recorded with re-	quired cover sheet information to:	
		f Patents and Trademarks Assignments
		rassignments agton, D.C. 20231 REEL: 013503 FRAME: 0647
		INCLE, UTUUUU FINAIVIE, UU4/

Docket Number: 15-4-825.00

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: (1) <u>Brian Keith CABRAL</u>, (2) <u>Marc OL ANO</u> and (3) <u>Philip NEMEC</u>, the undersigned inventors hereby sell and assign to <u>Silicon Graphics</u>, <u>Inc.</u> (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

check applicable box(es)

- for the United States of America (as defined in 35 U.S.C. § 100),
- and throughout the world,
- (a) in the invention known as <u>Reflection Space Image Based Rendering</u> for which application for patent in the United States of America has been executed by the undersigned on (1) <u>October 25, 1999</u>, (2) <u>October 22, 1999</u>, and (3) <u>December 17, 1999</u> (also known as United States Application No.09/369,359, filed <u>August 6, 1999</u>), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

Page 1 of Z

Docket Number: 15-4-825.00

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict thorowith.

The undersigned inventors hereby grant Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michael A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; and Robert C. Millonig, Esquire, Registration No. 34,395, all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, Washington, D.C. 20005-3934, power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date:	103/15/2002	Signature of Inventor: Brian Keith CABRAL
Date:		Signature of Inventor: Marc OLANO
Date:		Signature of Inventor: Philip NEMEC

Page 2 of 2

RECORDED: 11/18/2002