Atty Ref/Docket No.: 499.710US1

To the Honorable Commissioner of Patents and Trademark

F

07-03-2002

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

102143111

y thereof.

Name of conveying party(ies):	2. Name and address of receiving party(ies):
Steven L. Scott, Chris Dickson and Steve Reinhardt 7- [- 02	Name: Silicon Graphics, Inc.
Additional name(s) of conveying party(ies) attached? []Yes [X]No	
3. Nature of conveyance:	Street Address: 2011 N. Shoreline Boulevard
[X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date:06/03/2002; 03/11/2002 & 03/07/2002	City: Mountain View State: CA ZIP: 94043-1389 Additional name(s) & address(es) attached? []Yes [X]No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the exc	ecution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Serial No. 10/020,854, filed December 14, 2001	
Additional numbers attached? []Yes [X]No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved
Name: Thomas F. Brennan	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>
Address: Schwegman, Lundberg, Woessner & Kluth, P.A. P.O. Box 2938 Minneapolis, MN 55402	 [X] Enclosed [] Authorized to be charged to deposit account 8. Please charge any additional fees or credit any overpayments to our Deposit account number:
DO	NOT USE THIS SPACE
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing information is Thomas F. Brennan/Reg. No. 35,075 Name of Person Signing Signa	true and correct and any attached copy is a true copy of the original document. Solution Date
Name of Ferson Signing Signa	Total number of pages including cover sheet: 7
Commissioner of Patents and Trademarks box Assignments Washington, D.C. 20231	
and gathering the data needed, and completing and reviewing the sample	ge about 30 minutes per document to be recorded, including time for reviewing the document cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark 1231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-

ASSIGNMENT

WHEREAS, WE, Steven L. Scott, residing at 211 McKinley Avenue, Eau Claire, WI 54701, and Chris Dickson, residing at 14365 Drake Path, Apple Valley, MN 551124, and Steve Reinhardt, residing at 655-F Lone Oak Drive, Eagan, MN 55121, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on December 14, 2001, which application was assigned U.S. patent application serial number 10/020,854, and is entitled NODE TRANSLATION AND PROTECTION IN A CLUSTERED MULTIPROCESSOR SYSTEM.

AND WHEREAS, <u>Silicon Graphics</u>, Inc., a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>1600</u> <u>Amphitheatre Parkway</u>, <u>M/S 710</u>, <u>Mountain View</u>, <u>CA 94043</u>, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

Docket No.: 499.710US1 Serial No.: 10/020,854 Filing Date: December 14, 2001

Page 2 of 2

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 3 day of June, 200	2.
Steven L. Scott	
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 200	2.
Chris Dickson	
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 200.	2.
Steve Reinhardt	

ASSIGNMENT

WHEREAS, WE, Steven L. Scott, residing at 211 McKinley Avenue, Eau Claire, WI 54701, and Chris Dickson, residing at 14365 Drake Path, Apple Valley, MN 551124, and Steve Reinhardt, residing at 655-F Lone Oak Drive, Eagan, MN 55121, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on December 14, 2001, which application was assigned U.S. patent application serial number 10/020,854, and is entitled NODE TRANSLATION AND PROTECTION IN A CLUSTERED MULTIPROCESSOR SYSTEM.

AND WHEREAS, <u>Silicon Graphics</u>, Inc., a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>1600</u> <u>Amphitheatre Parkway</u>, <u>M/S 710</u>, <u>Mountain View</u>, <u>CA 94043</u>, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

Docket No.: 499.710US1 Serial No.: 10/020,854 Filing Date: December 14, 2001

Page 2 of 2

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 2002.
Steven L. Scott
IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of Mach, 2002.
Chris-Dickson CHRISTOPHER M. DICKSON
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 2002.
Steve Reinhardt

ASSIGNMENT

WHEREAS, WE, Steven L. Scott, residing at 211 McKinley Avenue, Eau Claire, WI 54701, and Chris Dickson, residing at 14365 Drake Path, Apple Valley, MN 551124, and Steve Reinhardt, residing at 655-F Lone Oak Drive, Eagan, MN 55121, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on December 14, 2001, which application was assigned U.S. patent application serial number 10/020,854, and is entitled NODE TRANSLATION AND PROTECTION IN A CLUSTERED MULTIPROCESSOR SYSTEM.

AND WHEREAS, <u>Silicon Graphics</u>, <u>Inc.</u>, a corporation organized and existing under and by virtue of the laws of the State of <u>Delaware</u>, and having an office and place of business at <u>1600</u> <u>Amphitheatre Parkway</u>, <u>M/S 710</u>, <u>Mountain View</u>, <u>CA 94043</u>, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

Docket No.: 499.710US1 Serial No.: 10/020,854 Filing Date: December 14, 2001

RECORDED: 07/01/2002

Page 2 of 2

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 2002.
Steven L. Scott
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of, 2002.
Chris Dickson
IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of Monch, 2002.
Steve Reinhardt