

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Steven J. Dean</td> <td>09/12/2013</td> </tr> <tr> <td>David R. Collins</td> <td>07/22/2013</td> </tr> <tr> <td>Timothy Scott McCann</td> <td>09/12/2013</td> </tr> <tr> <td>Perry D. Franz</td> <td>07/23/2013</td> </tr> <tr> <td>Jeffrey M. Glanzman</td> <td>07/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Steven J. Dean	09/12/2013	David R. Collins	07/22/2013	Timothy Scott McCann	09/12/2013	Perry D. Franz	07/23/2013	Jeffrey M. Glanzman	07/24/2013
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RECEIVING PARTY DATA													
Name:	Silicon Graphics International Corp.												
Street Address:	46600 Landing Parkway												
City:	Fremont												
State/Country:	CALIFORNIA												
Postal Code:	94538												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13931754</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13931754								
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CORRESPONDENCE DATA													
Fax Number:													
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	617-443-9292												
Email:	jelefterakis@sunsteinlaw.com												
Correspondent Name:	Kathryn E. Noll												
Address Line 1:	Sunstein Kann Murphy & Timbers LLP												
Address Line 2:	125 Summer Street												
Address Line 4:	Boston, MASSACHUSETTS 02110-1618												
ATTORNEY DOCKET NUMBER:	3549/144												
NAME OF SUBMITTER:	Kathryn E. Noll												

CH \$40.00 13931754

Signature:	/Kathryn E. Noll, #48,811/
Date:	09/13/2013
<b>Total Attachments: 8</b> source=jle_3549_144_Assignment#page1.tif source=jle_3549_144_Assignment#page2.tif source=jle_3549_144_Assignment#page3.tif source=jle_3549_144_Assignment#page4.tif source=jle_3549_144_Assignment#page5.tif source=jle_3549_144_Assignment#page6.tif source=jle_3549_144_Assignment#page7.tif source=jle_3549_144_Assignment#page8.tif	

ASSIGNMENT

ASSIGNOR: Steven J. Dean  
David R. Collins  
Timothy Scott McCann  
Perry D. Franz  
Jeffrey M. Glanzman

ASSIGNEE: Silicon Graphics International Corp.  
46600 Landing Parkway  
Fremont, CA 94538

INVENTION: Closed-loop Cooling System for High-Density Clustered  
Computer System

ATTORNEY DOCKET: 3549/144

SERIAL NO: 13/931,754

FILING DATE: June 28, 2013

Assignor is a joint inventor of the above-referenced invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

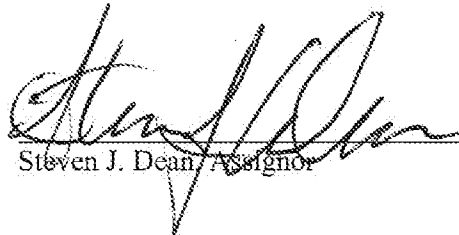
Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all

such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

I hereby authorize and request Sunstein Kann Murphy & Timbers LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 9/12/2013

  
Steven J. Dean, Assignor

Date: \_\_\_\_\_

\_\_\_\_\_  
David R. Collins, Assignor

Date: 09-12-2013

  
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Date: \_\_\_\_\_

\_\_\_\_\_  
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Date: \_\_\_\_\_

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03549:00144 1916831.1

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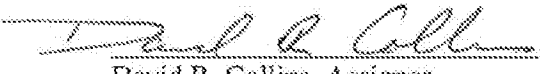
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.....  
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Date: 7/22/13 .....

  
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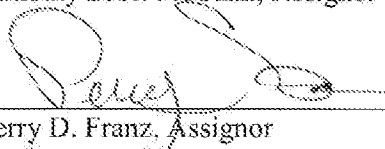
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03549/00144 19168311