

# PATENT ASSIGNMENT

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Tobias Erhart	10/24/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Livermore Software Technology Corporation
<b>Street Address:</b>	7374 Las Positas Road
<b>City:</b>	Livermore
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94551
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13280506
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<b>Correspondent Name:</b>	Roger H Chu
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<b>ATTORNEY DOCKET NUMBER:</b>	LSTC-064
<b>NAME OF SUBMITTER:</b>	Roger H Chu
<b>Total Attachments: 2</b> source=SignedAssignmentLSTC064#page1.tif source=SignedAssignmentLSTC064#page2.tif	

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**PATENT**  
**REEL: 027196 FRAME: 0493**

## **ASSIGNMENT OF PATENT APPLICATION**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Tobias Erhart of Stuttgart, Germany, have invented certain new and useful improvements as set forth in the specification of the non-provisional patent application in the United States, which was filed on Oct. 25, 2011, and assigned Serial Number: 13/280,506, that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated and is entitled:

### **“Methods and systems for numerically simulating muscle movements along bones and around joints”**

and I, the undersigned, hereby:

- 1) sell, assign and transfer to **Livermore Software Technology Corporation**, a corporation of the State of California, having a principal place of business at 7374 Las Positas Road, Livermore, CA, 94551, (hereinafter referred to as “ASSIGNEE”), and its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in and to said United States applications and all divisional, continuing, substitute, renewal, reissue and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all rights of priority resulting from the filing of said United States application;
- 2) authorize the ASSIGNEE to apply for and receive a patent or patents of foreign countries for said improvements, and to claim all rights of priority without further authorization from the undersigned;
- 3) agree to execute all lawful papers and documents, and perform all lawful acts useful in connection with said United States and foreign applications, at the request and expense of the ASSIGNEE, in obtaining and enforcing patents for said improvements in all countries;
- 4) authorize and request the Commissioner for Patents to issue any patents granted for said improvements to the ASSIGNEE for its interest and for the sole use and benefit of its successors, legal representatives and assigns;

5) warrant and represent that any assignment, grant, mortgage, license, contract, or other agreements that conflicts with this assignment has not been entered, and will not be entered by the undersigned; and

6) authorize and request my representative, Roger H. Chu, USPTO Reg. # 52745, to insert above the U.S. patent application serial number and the filing date in order to make this assignment suitable for recordation in the United States Patent and Trademark Office and any Patent Offices foreign to the United States.

In Testimony Whereof, I hereunto set my hand.

Assignor Signature: *T. Erhart* Date: 10/24/2011  
Name: Tobias Erhart  
Residence City: Stuttgart, Germany  
Mailing Address: 7374 Las Positas Road, Livermore, California 94551 USA  
Citizenship: Germany

Witness 1 Signature: *Thomas Münz*

PRINTED NAME of Witness 1 Thomas Münz

Witness 2 Signature: *Ulrich Frank*

PRINTED NAME of Witness 2 Ulrich Frank