Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DATA				
		Name	Execution Date	
Eugene J. Alexander			11/18/2006	
Thomas P. Andriacch	i		11/16/2006	
Philipp Lang			12/26/2006	
Daniel Steines			11/13/2006	
RECEIVING PARTY DATA				
Name:	The Board of Trustees of The Leland Stanford Junior University			
Street Address:	Office of Technology and Licensing, 1705 El Camino Real			
City:	Palo Alto			
State/Country:	CALIFORNIA			
Postal Code:	94306			
PROPERTY NUMBERS Total: 1 Property Type Number				
Property Type		Number		
Application Number: 12193		2193907		
CORRESPONDENCE DATA				
Fax Number:(617)443-0004Correspondence will be sent via US Mail when the fax attempt is unsuccessful.Phone:617-443-9292Email:etrudell@bromsun.comCorrespondent Name:Karen A. BuchananAddress Line 1:Bromberg & Sunstein LLP, 125 Summer St.Address Line 4:Boston, MASSACHUSETTS 02110-1618				
ATTORNEY DOCKET NUMBER:		3104/125		
NAME OF SUBMITTER:				
	R:	Karen A. Buchanan		

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ASSIGNOR: Eugene J. Alexander Thomas P. Andriacchi Philipp Lang Daniel Steines

ASSIGNEE: The Board of Trustees of The Leland Stanford Junior University Office of Technology Licensing 1705 El Carnino Real Palo Alto, California 94306

STATE OF INCORPORATION OF ASSIGNEE: California

INVENTION: Assessing the Condition of a Joint and Devising Treatment

ATTORNEY DOCKET: 3104/108

SERIAL NO: 09/662,224

FILED: September 14, 2000

Assignor is a joint inventor of the above 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. An original assignment was recorded on May 4, 2001 at Reel 011764/Frame 0084 with respect to the above-referenced application.

For valuable consideration, receipt of which is acknowledged, the 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

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application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

The 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. The 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.

Date: 18 10006

Eugene J. Alexander, Assignør

Thomas P. Andriacchi, Assignor

Date:

Date:

Philipp Lang, Assignor

Date:

Daniel Steines, Assignor

03104/00108 572028.1

ASSIGNOR:

Eugene J. Alexander Thomas P. Andriacchi Philipp Lang Daniel Steines

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Date:

Date: $\frac{l}{1606}$

Date:

Date:

Eugene J. Alexander, Assignor

Thomas P. Andriacchi, Assignor

Philipp Lang, Assignor

Daniel Steines, Assignor

03104/00108 572028.1

<u>ASSIGNOR</u> :	Eugene J. Alexander Thomas P. Andriacchi Philipp Lang Daniel Steines		
ASSIGNEE:	The Board of Trustees of The Leland Stanford Junior University Office of Technology Licensing 1705 El Camino Real Palo Alto, California 94306		
STATE OF INCORP	ORATION OF ASSIGNEE: California		
INVENTION:	Assessing the Condition of a Joint and Devising Treatment		
ATTORNEY DOCK	ET: 3104/108		
SERIAL NO:	09/662,224		
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Date:

Eugene J. Alexander, Assignor

Date:

12-26-06 Date:

Date:

03104/00108 572028.1

Thomas P. Andriacchi, Assignor

Philipp Lang, Assignor

Daniel Steines, Assignor

PATENT REEL: 021713 FRAME: 0701

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ASSIGNOR: Eugene J. Alexander Thomas P. Andriacchi Philipp Lang **Daniel Steines** ASSIGNEE: The Board of Trustees of The Leland Stanford Junior University Office of Technology Licensing 1705 El Camino Real Palo Alto, California 94306 STATE OF INCORPORATION OF ASSIGNEE: California INVENTION: Assessing the Condition of a Joint and Devising Treatment ATTORNEY DOCKET: 3104/108 SERIAL NO: 09/662.224

FILED: September 14, 2000

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Date:

Eugene J. Alexander, Assignor

Date:

Thomas P. Andriacchi, Assignor

Date:

Date: Nov 13 2006

Philipp Lang, Assignor

nd Ru

Daniel Steines, Assignor

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PATENT REEL: 021713 FRAME: 0703

RECORDED: 10/21/2008