

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3394396

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW J. NELSON	07/02/2013
BENNETT E. KUCHAR	07/26/2013
REGAN A. RADCLIFFE	08/06/2013
KEVIN A. YNGVE	07/30/2013
SEAN M. WOOD	08/15/2013
RYAN J. CALDWELL	08/31/2013
WEI CHEN	07/05/2013
RECEIVING PARTY DATA	
Name:	NORTHWESTERN UNIVERSITY
Street Address:	633 CLARK STREET
City:	EVANSTON
State/Country:	ILLINOIS
Postal Code:	60208
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13529833
CORRESPONDENCE DATA	
Fax Number:	(312)236-8176
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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Email:	docket@cookalex.com
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Address Line 2:	SUITE 2850
Address Line 4:	CHICAGO, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	1851-0003.01
NAME OF SUBMITTER:	DAVID M. THIMMIG
SIGNATURE:	/David M. Thimmig/
DATE SIGNED:	06/12/2015

PATENT

Total Attachments: 7

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ASSIGNMENT

WHEREAS, WE, Andrew J. Nelson, Bennett E. Kuhar, Regan A. Radcliffe, Kevin A. Yngve, Sean M. Wood, Ryan J. Caldwell, and Wei Chen (hereinafter collectively referred to as ("ASSIGNORS")) have invented certain new and useful improvements as described and set forth in the below-identified applications for United States Letters Patent:

Title of U.S. Provisional Patent Application: Hybrid Prosthetic Vacuum Pump
Serial No.: 61/571,233 Filing Date: June 23, 2011

Title of U.S. Patent and PCT Patent Applications: Vacuum Pump Systems for Prosthetic Limbs and Methods of Using Same
Serial No.: 13/529,833 Filing Date: June 21, 2012
Serial No.: PCT/US2012/043685 Filing Date: June 22, 2012

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and applications and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said applications for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

Andrew J. Nelson 7-2-13
(ANDREW J. NELSON) DATE

State of Illinois
County of COOK ss.

On this 2 day of July, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Notary Signature
NOTARY PUBLIC
My Commission Expires: Feb. 23, 2014
Page 1 of 7



Assignment for Execution

Title of U.S. Provisional Patent Application: Hybrid Prosthetic Vacuum Pump

Serial No.: 61/571,233

Filing Date: June 23, 2011

Title of U.S. Patent and PCT Patent Applications: Vacuum Pump Systems for Prosthetic Limbs and Methods of Using Same

Serial No.: 13/529,833

Filing Date: June 21, 2012

Serial No.: PCT/US2012/043685

Filing Date: June 22, 2012

Bennett E. Kuhar 7/26/13
BENNETT E. KUHAR DATE

State of Illinois
County of Cook ss.

On this 26th day of July, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Beverly Ruth Milligan
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 5/21/2017



Assignment for Execution

Title of U.S. Provisional Patent Application: Hybrid Prosthetic Vacuum Pump

Serial No.: 61/571,233

Filing Date: June 23, 2011

Title of U.S. Patent and PCT Patent Applications: Vacuum Pump Systems for Prosthetic Limbs and Methods of Using Same

Serial No.: 13/529,833

Filing Date: June 21, 2012

Serial No.: PCT/US2012/043685

Filing Date: June 22, 2012



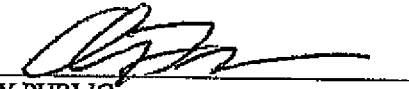
KEVIN A. YNGVE

07/30/2013

DATE

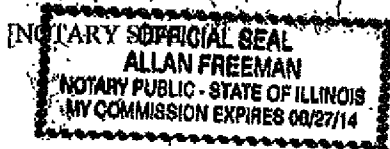
State of Illinois
County of Lake ss.

On this 30th day of July, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.



NOTARY PUBLIC

My Commission Expires: 6/27/14



Assignment for Execution

Title of U.S. Provisional Patent Application: Hybrid Prosthetic Vacuum Pump

Serial No.: 61/571,233

Filing Date: June 23, 2011

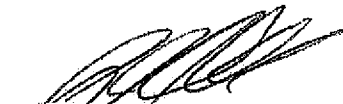
Title of U.S. Patent and PCT Patent Applications: Vacuum Pump Systems for Prosthetic Limbs and Methods of Using Same

Serial No.: 13/529,833

Filing Date: June 21, 2012

Serial No.: PCT/US2012/043685

Filing Date: June 22, 2012



RYAN J. CALDWELL

8/31/13

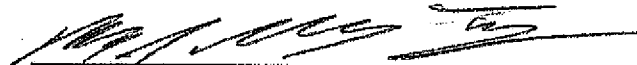
DATE

State of IL

County of Lake

ss.

On this 31st day of August, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.



NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: March 28th 2015



Assignment for Execution

Title of U.S. Provisional Patent Application: Hybrid Prosthetic Vacuum Pump

Serial No.: 61/571,233

Filing Date: June 23, 2011

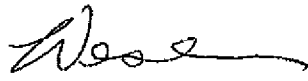
Title of U.S. Patent and PCT Patent Applications: Vacuum Pump Systems for Prosthetic Limbs and Methods of Using Same

Serial No.: 13/529,833

Filing Date: June 21, 2012

Serial No.: PCT/US2012/043685

Filing Date: June 22, 2012



WEI CHEN

7/5/13

DATE

State of Illinois
County of Cook ss.

On this 5 day of JULY, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.



NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 10/23/16

