503336316 06/04/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3382934

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHAWN WILHELM	05/01/2015
JAMES D. VAN DE VEN	05/01/2015

RECEIVING PARTY DATA

Name:	REGENTS OF THE UNIVERSITY OF MINNESOTA
Street Address:	600 MCNAMARA ALUMNI CENTER, 200 OAK STREET SE
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55455-2020

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	61982422
Application Number:	14689269

CORRESPONDENCE DATA

Fax Number:

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.

Email: epeters@wck.com
Correspondent Name: BRIAN D. KAUL

Address Line 1: 900 SECOND AVENUE SOUTH

Address Line 2: SUITE 1400

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	U11.12-0232
NAME OF SUBMITTER:	BRIAN D. KAUL
SIGNATURE:	/Brian D. Kaul/
DATE SIGNED:	06/04/2015

Total Attachments: 6

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PATENT REEL: 035788 FRAME: 0113



University of Minnesota <u>ASSIGNMENT</u>

WHEREAS, I, Shawn Wilhelm of Minneapolis, MN, have invented certain new and useful improvements in CRANKSHAFT ASSEMBLY, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 61/982,422 on April 22, 2014 and Utility application no. 14/689,269 on April 17, 2015 (collectively, the "Applications");

Whereas, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Applications and in, to and under any and all 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, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Applications including my rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Applications and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Applications and/or otherwise take advantage of the provisions of the International Convention.

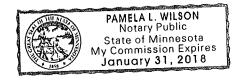
Attorney Docket Number U11.12-0232 UM Case No. 20140173

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Upon said consideration I do hereby covenant and agree with said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary for desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissues or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunt	to set my hand on this /S+ day of
	below Minn
	Shawn Wilhelm
STATE OF MN) COUNTY OF Hennepin)	
county of Hennepin)	
On this 15t day of May Shawn Withelpto me known to be the per instrument and acknowledged that s/he executed the	, 2015, before me personally appeared rson described in and who executed the foregoing he same as his/her free act and deed.
IN WITNESS WHEREOF, I have hereur my office, the day and year above written.	nto affixed my official signature with the seal of
	Pamela L. Wilson Notary Public



Attorney Docket Number U11.12-0232 UM Case No. 20140173

IN WITNESS WHEREOF, I have by the second of accepting this assignment.	hereunto set my hand on this day of Assignee Regents of the University of Minnesota
REG	Paul B. Savereide Senior Associate General Counsel per Presidential Delegation DA_070027
COUNTY OF Hemesota) COUNTY OF Hemesota) Parel Saveredo, to me known to be instrument and acknowledged that s/he exercises.	, 2015, before me personally appeared the person described in and who executed the foregoing ecuted the same as his/her free act and deed.
IN WITNESS WHEREOF, I have my office, the day and year above written.	hereunto affixed my official signature with the seal of Motary Public Wotary Public
	LYNNETTE J. NYGREN NOTARY PUBLIC - MINNESOTA My Commission Expires January 31, 2020

Attorney Docket Number U11.12-0232 UM Case No. 20140173



University of Minnesota ASSIGNMENT

WHEREAS, I, James D. Van de Ven of Long Lake, MN, have invented certain new and useful improvements in CRANKSHAFT ASSEMBLY, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 61/982,422 on April 22, 2014 and Utility application no. 14/689,269 on April 17, 2015 (collectively, the "Applications");

Whereas, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Applications and in, to and under any and all 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, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Applications including my rights under the International Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Applications and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Applications and/or otherwise take advantage of the provisions of the International Convention.

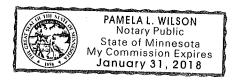
Attorney Docket Number U11.12-0232 UM Case No. 20140173

1

Upon said consideration I do hereby covenant and agree with said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary for desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissues or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, I I	have hereunto set my hand on this day of
	James D. Van de Ven
STATE OF MY)
county of Hennepin))
Jim Van de Ven, to me known	, 2015, before me personally appeared to be the person described in and who executed the foregoing e executed the same as his/her free act and deed.
IN WITNESS WHEREOF, I my office, the day and year above write	have hereunto affixed my official signature with the seal of tten.
	Pamela & Wilson Notary Public



Attorney Docket Number U11.12-0232 UM Case No. 20140173

IN WITNESS WHEREOF, I have hereunto set my hand on this day of, 2015 on behalf of Assignee Regents of the University of Minnesota accepting this assignment.
Paul B. Savereide Senior Associate General Counsel per Presidential Delegation DA_070027
STATE OF Minne sota) COUNTY OF Henne pin) On this day of mout, 2015, before me personally appeared instrument and acknowledged that s/he executed the same as his/her free act and deed.
IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written. Notary Public
LYNNETTE J. NYGREN NOTARY PUBLIC - MINNESOTA My Commission Expires January 31, 2020

Attorney Docket Number U11.12-0232 UM Case No. 20140173

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