

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3980012

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GRANT ADAMS	05/09/2014
WILLIAM ROSSI	05/09/2014
JIM DROST	05/12/2014
ERIC WILKOWSKE	05/09/2014
LARRY ZALESKY	05/09/2014
TAYLOR DOWDEN	06/11/2014
JACOB WANDER	05/15/2014
BETH KREGEL	05/21/2014
SEAN RILEY	05/09/2014
RECEIVING PARTY DATA	
Name:	SMITHS MEDICAL ASD, INC.
Street Address:	6000 NATHAN LANE NORTH
City:	PLYMOUTH
State/Country:	MINNESOTA
Postal Code:	55442
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15114475
CORRESPONDENCE DATA	
Fax Number:	(612)349-9266
<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>	
Phone:	612.349.5752
Email:	miller@ptslaw.com
Correspondent Name:	MEGAN M. MILLER C/O PATTERSON THUENTE IP
Address Line 1:	4800 IDS CENTER, 80 SOUTH 8TH STREET
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	4176.121WOUS01
NAME OF SUBMITTER:	MEGAN M. MILLER

SIGNATURE:	/Megan M. Miller/
DATE SIGNED:	07/27/2016
Total Attachments: 5 source=Provisional_Executed_Assignment#page1.tif source=Provisional_Executed_Assignment#page2.tif source=Provisional_Executed_Assignment#page3.tif source=Provisional_Executed_Assignment#page4.tif source=Provisional_Executed_Assignment#page5.tif	

ASSIGNMENT

WHEREAS, we, Grant Adams, Coon Rapids, MN, William Rossi, Vadnais Heights, MN, Jim Drost, Woodbury, MN, Eric Wilkowske, North Oaks, Larry R. Zalesky, Milaca, MN, Taylor Dowden, Terre Haute, IN, Jacob Wander, New Brighton, MN, Beth Kregel, Minneapolis, MN and Sean Riley, Saint Paul, MN ("Assignors"), have invented certain new and useful improvements in PUMP STARTUP ALGORITHMS AND RELATED SYSTEMS AND METHODS, for which a provisional application has been made, said application which may be identified in the United States Patent Office by Application No. 61/938,264, filed February 11, 2014.

WHEREAS, Smiths Medical ASD, Inc. ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 160 Weymouth Street, Rockland, MA 02370, is desirous of acquiring the entire right, title and interest in and to said invention, said provisional application and in, to and under any and all Letters Patent to be obtained therefor,

NOW, THEREFORE, for and in consideration of good and valuable consideration paid by Assignee to Assignors, the receipt and sufficiency of which is hereby acknowledged by us, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said provisional application, all applications claiming priority to said provisional application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the Assignors if this assignment had not been made, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

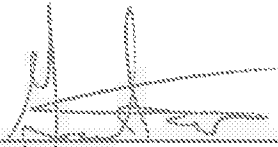
We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the filing date and application number of said provisional application when ascertained.

We further 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 said United States application and/or otherwise take advantage of the provisions of the International Convention.

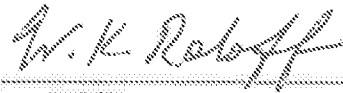
Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its

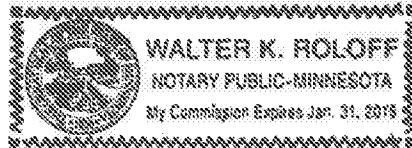
successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date: 09-MAY-2014
Month/Day/Year


Grant Adams


Subscribed to and sworn to before
me this 09 day of May, 2014.


Notary Public

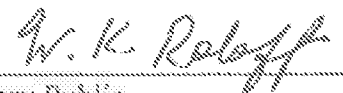


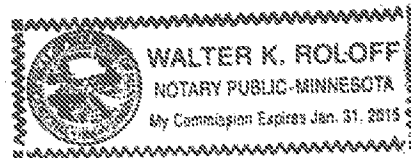
Notary Seal

Date: 5/08/2014
Month/Day/Year


William Rossi

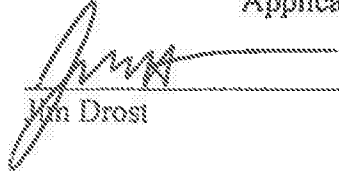
Subscribed to and sworn to before
me this 09 day of May, 2014.


Notary Public

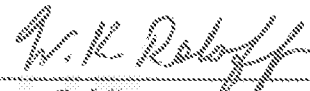


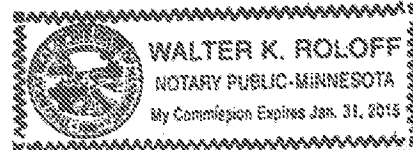
Notary Seal

Date: 5/12/2014
Month/Day/Year


Jim Drost


Subscribed to and sworn to before
me this 12 day of May, 2014.


Notary Public

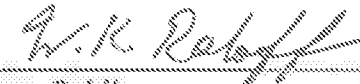


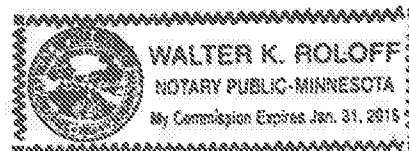
Notary Seal

Date: 5/9/2014
Month/Day/Year


Eric Wilkowske

Subscribed to and sworn to before
me this 09 day of May, 2014.


Notary Public



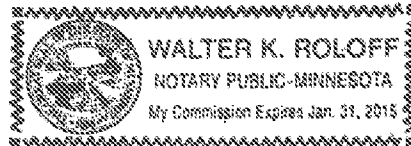
Notary Seal

Date: 05/09/14
Month/Day/Year

Application No. 61/938,264
Larry Zalesky
Larry Zalesky

Subscribed to and sworn to before
me this 09 day of May, 2014.

W.K. Roloff
Notary Public



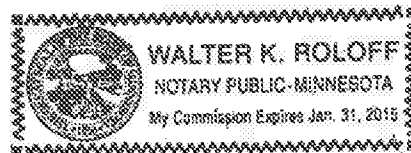
Notary Seal

Date: 06/11/14
Month/Day/Year

Taylor Dowden
Taylor Dowden

Subscribed to and sworn to before
me this 11 day of June, 2014.

W.K. Roloff
Notary Public



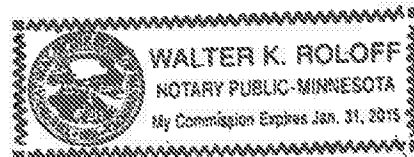
Notary Seal

Date: 05/15/2014
Month/Day/Year

Jacob Wander
Jacob Wander

Subscribed to and sworn to before
me this 15 day of May, 2014.

W. K. Roloff
Notary Public



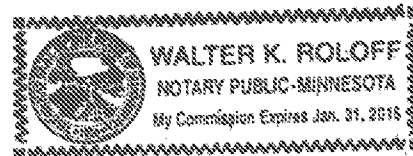
Notary Seal

Date: 5/21/2014
Month/Day/Year

Beth Kregel
Beth Kregel

Subscribed to and sworn to before
me this 21 day of May, 2014.

W. K. Roloff
Notary Public



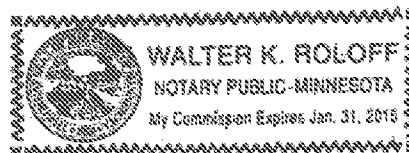
Notary Seal

Date: 05/09/2014
Month/Day/Year

Sean Riley
Sean Riley

Subscribed to and sworn to before
me this 09 day of May, 2014.

W. K. Roloff
Notary Public



Notary Seal