505272073 01/10/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES EDWARD ABITABILO	07/25/2017
MICHAEL BLACKWELL	07/25/2017
JAY T. BREINDEL	07/25/2017
HARSH D. CHHEDA	07/25/2017
KATHRYN FELICITO	07/25/2017
DAVID J. GORAL	07/21/2017
CHRISTOPHER ROEHL	07/25/2017

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:	16315044

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	NICOLE E. LANDREE	
SIGNATURE:	/NICOLE E. LANDREE/	
DATE SIGNED:	01/10/2019	

505272073 PATENT REEL: 047954 FRAME: 0819

Total Attachments: 4

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PATENT REEL: 047954 FRAME: 0820

ASSIGNMENT

WHEREAS, we, James Edward ABITABILO of Britsol, CT, Michael BLACKWELL of Winsted, CT, Jay T. BREINDEL of Southington, CT, Harsh D. CHHEDA of Cheshire, CT, Kathryn FELICITO of Cheshire, CT, David J. GORAL of Brookfield, CT, and Christopher ROEHL of New Hartford, CT, "Assignors"), have invented certain new and useful improvements in CLOSED SYSTEM CATHETER VENT CAP, for which an International Application has been made, and which may be identified in the World Intellectual Property Organization by Application No. PCT/US2017/040887 filed on July 6, 2017.

WHEREAS, Smiths Medical ASD, Inc. ("Assignee"), a business entity organized and existing under the laws of the Delaware, and having its principal offices at 6000 Nathan Lane North, Plymouth, MN 55442, is desirous of acquiring the entire right, title and interest in and to said invention, said 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 application, all applications claiming priority to said 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 date of execution and/or filing date and application number of said 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

PATENT REEL: 047954 FRAME: 0821

Application No. PCT/US2017/040887

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: 07/25/20/7

James Edward ABITABILO

Subscribed to and sworn to before

me this 15 day of July

_, 20<u>/~</u>2.

Notary Public

Notary Seal

Date: 07/2

Month/Day/Year

MICHAEL APOREW PERTON
Notary Public, State of Connecticut
My Commission Expires May 31, 2019

Michael BLACKWELL

Subscribed to and sworn to before

me this <u>25</u> day of <u>10</u>

2017

Notary Public

Notary Seal

MICHAEL ANDREW PENTON
Notiny Public, State of Comedical
My Commission Expires May 31, 2019

Date: 07 /25/2017	Application No. PCT/US2017/040887
Month/Day/Year	Jay T. BREINDEL
Subscribed to and sworn to before me this <u>a.S.</u> day of <u>() u/y</u> , 20 <u>17</u> . Notary Public	MICHAEL ANDREW PENTON Notery Public, State of Commission My Commission Expires May 31, 2019
Notary Seal	
Date: JULY 25, 2017 Month/Day/Year	Harsh D. CHHEDA
Subscribed to and sworn to before me this 25 day of , 2017. Notary Public	SINCHAEL ANOREW PENTON Noticy Public, State of Connecticut My Commission Expires May 31, 2019
Notary Seal	
Date: <u>07/25-/2017</u> Month/Day/Year	Nathryn/FELICITO
Subscribed to and sworn to before me this 35 day of 5,2017.	
Notary Public	MICHAEL ANDREW PENTON Notary Public, State of Commedical
Notary Seal	My Commission Expires May 31, 2010

Date: 7/2)//7 Month/Day/Year	Application No. PCT/US2017/040887 David J. GORAL
Subscribed to and sworn to before me this 21 day of 70 1, 20/2	
Notary Public MY COMMISSION EXPIRES 10/31/20	20
Notary Seal Date: 7/25/17 Month/Day/Year	Christopher ROEHL
Subscribed to and sworn to before me this 25 day of Ve , 2011. Notary Public	AICHAEL ANDREW PENTON Natery Public, State of Connecticut My Commission Expires May 31, 2019

Notary Seal