505431794 04/17/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN PATRICK SHANAHAN	04/12/2019
CHRISTOPHER HAROLD KING	04/14/2019

RECEIVING PARTY DATA

Name:	IONOGEN INC.
Street Address:	6321 BAUM DRIVE
City:	KNOXVILLE
State/Country:	TENNESSEE
Postal Code:	37919

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16262213

CORRESPONDENCE DATA

Fax Number: (612)332-9081

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.

Phone: 612-332-5300

Email: psmothers@merchantgould.com

Correspondent Name: MERCHANT & GOULD PC

Address Line 1: P.O. BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402-0903

ATTORNEY DOCKET NUMBER:	18396.0001USU1
NAME OF SUBMITTER:	DANIEL R. EVANS
SIGNATURE:	/Daniel R. Evans/
DATE SIGNED:	04/17/2019

Total Attachments: 3

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PATENT 505431794 REEL: 048909 FRAME: 0616

Attorney Docket No. 18396.0001USU1

ASSIGNMENT

WHEREAS, we, John Patrick Shanahan and Christopher Harold King, made certain new and useful inventions and improvements for which we filed an application with the United States Patent and Trademark Office on January 30, 2019, application Serial No. 16/262,213 which is entitled WIPE DISPENSING.

AND WHEREAS, ionogen Inc., a corporation organized and existing under and by virtue of the laws of the State of Tennessee, and having an office and place of business at 6321 Baum Drive, Knoxville, Tennessee 37919 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and the right(s) to claim priority thereto, and in and to the application, all patent applications based upon said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments

PATENT REEL: 048909 FRAME: 0617 in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and
assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and
property herein conveyed has been made to others by us and that full right to convey the same as
DATE: 4/12/19 John Patrick Shanahan
John Patrick Shanahan Inventor
DATE:

Inventor

Christopher Harold King

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in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

DATE:	
	John Patrick Shanahan
	Inventor
4-14-19	Claritan Contractor
DATE: <u>7-14-14</u>	Christopher Harold King

Inventor

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