503627650 12/29/2015

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3674280

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN L. WORM	11/05/2015
DAVID GLEN CHRISTOPHERSON	11/05/2015
RAYMOND CHARLES HENRY JR.	12/28/2015
FREDERIC PHILIPPE AMPOLINI	11/20/2015
JAMES L. WOOD	11/17/2015
ALAN CURTIS BILLINGS	11/05/2015

RECEIVING PARTY DATA

Name:	R.J. REYNOLDS TOBACCO COMPANY
Street Address:	401 NORTH MAIN STREET
City:	WINSTON-SALEM
State/Country:	NORTH CAROLINA
Postal Code:	27101

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14881392

CORRESPONDENCE DATA

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WOMBLE CARLYLE SANDRIDGE & RICE, LLP **Correspondent Name:**

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Address Line 4: CHARLOTTE, NORTH CAROLINA 28202

ATTORNEY DOCKET NUMBER:	R60999 11280US.1 (0971.2)
NAME OF SUBMITTER:	CHRISTOPHER H. ORDERS, REG. NO. 57,151
SIGNATURE:	/christopher h. orders/
DATE SIGNED:	12/29/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

REEL: 037373 FRAME: 0656 503627650

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Total Attachments: 8 source=R60999_11280US1_Assgn#page1.tif source=R60999_11280US1_Assgn#page2.tif source=R60999_11280US1_Assgn#page3.tif source=R60999_11280US1_Assgn#page4.tif source=R60999_11280US1_Assgn#page5.tif source=R60999_11280US1_Assgn#page6.tif source=R60999_11280US1_Assgn#page7.tif source=R60999_11280US1_Assgn#page8.tif

PATENT REEL: 037373 FRAME: 0657

COMBINED WORLDWIDE INVENTION ASSIGNMENT AND U.S. DECLARATION (37 CFR 1.63)

WHEREAS, the undersigned (hereinafter collectively referred to as "Assignor") has or may have invented certain inventions and improvements disclosed in the United States patent application entitled "AEROSOL DELIVERY DEVICE INCLUDING A MOVEABLE CARTRIDGE AND RELATED ASSEMBLY METHOD" and designated as

\boxtimes	Application No. <u>14/881,392</u> ; filed <u>October 13, 2015</u>		1 1	
	Application claims priority from Application No, file	d,	all applica	tions
	listed above being hereinafter referred to as the "Application of the control of	ion(s)";	

WHEREAS, it is agreed that

R.J. REYNOLDS TOBACCO COMPANY 401 NORTH MAIN STREET WINSTON-SALEM, NORTH CAROLINA 27101

(hereinafter referred to as "Assignee"), is entitled to or is desirous of acquiring all right, title and interest related to the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor, by these presents, does sell, assign, and transfer unto Assignee the full, exclusive and entire right, title and interest, worldwide: (i) in and to all inventions and improvements disclosed and described in the Application(s); (ii) in and to said Application(s) and any other United States national stage, provisional, non-provisional, divisional, continuation, continuation-in-part, or design patent applications based in whole or in part upon said inventions or improvements and/or claiming priority to said Application(s) (the "U.S. Applications"); (iii) in and to any Patent Cooperation Treaty applications based in whole or in part upon said inventions or improvements and/or claiming priority to said Application(s); (iv) in and to any and all applications for industrial property protection, including without limitation applications for patent, utility model, inventor's certificate, and design, filed or which are hereafter filed in countries outside the United States (the "Foreign Applications") and which

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PATENT REEL: 037373 FRAME: 0658 describe in whole or in part said inventions and improvements, said Foreign Applications to be filed and issued in the name of Assignee or its designee insofar as permitted by applicable law; (v) in and to all patents or similar protective rights in the United States or elsewhere which may be granted on the U.S. Applications and Foreign Applications and all reissues, reexaminations, and extensions thereof, any and all such patents or other protective rights to issue in the name of Assignee and for the sole use and behoof of Assignee and its successors and assigns; and (vi) in and to the right to claim any applicable foreign or domestic priority rights arising from or required for any of the aforementioned applications under the terms of any applicable conventions, treaties, statutes, or regulations.

AND, for the same consideration, Assignor agrees to (i) communicate to Assignee, its successors, legal representatives, and assigns, any facts known to Assignor respecting said inventions and improvements or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions or improvements; (ii) sign or execute all lawful papers, applications, declarations, affidavits, assignments, and rightful oaths that may be requested by Assignee during prosecution or enforcement of any rights related to the inventions and improvements; (iii) testify in any proceedings relating to said inventions or improvements or rights granted therefor; and (iv) generally do everything possible to aid Assignee and its successors, legal representatives and assigns, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

Assignor covenants with Assignee, its successors, legal representatives, and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned. Assignor further agrees that Assignee, its successors, legal representatives, and assigns, may insert into this Assignment any further text necessary or desirable to define the Applications to which the Assignment pertains for purposes of recordation, and also agrees that the Assignment is effective at least as early as October 13, 2015, the earliest priority date of the Application(s).

<u>U.S. DECLARATION</u>: Assignor intends for this Assignment to serve as a U.S. declaration under 37 CFR 1.63(e)(1). Accordingly, with respect to the U.S. Applications

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identified herein, each undersigned inventor hereby declares that: (1) the above-identified application was made or authorized to be made by me; (2) I believe that I am the original inventor or an original joint inventor of a claimed invention in the application; and (3) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

11/5/15 Date	Steven L. Worm
State of North CAroling County of Wake	
I, Brenda L. Hickey, a certify that Steven L. Worm personally execution of the foregoing instrument.	a Notary Public for said County and State, do hereby appeared before me this day and acknowledged the due
Witness my hand and official seal, this	the 5th day of November, 2015.
Brenda L. Hickey (Offficial Seab) IC Wake County, North Carolina 5 17409	Dranda L. Hak Notary Public
My commission expires	· ·

Combined Worldwide Invention Assignment and U.S. Declaration (37 CFR 1.63) R60999 11280US.1 (0971.2)

05 NOV2015 MANSALL	
Date David Glen Christopherson	
State of North Caroling)	
County of Wall	
I, Brenda L. Hickey, a Notary Public for said County and State, do hereby certify that David Glen Christopherson personally appeared before me this day and acknowledged the due execution of the foregoing instrument.	
Witness my hand and official seal, this the 5th day of November, 2015.	
Brenda L. Hickey (OFTATA Stell) Wake County, North Carolina 5 (2019) Notary Public	
My commission expires Way (2014	

Combined Worldwide Invention Assignment and U.S. Declaration (37 CFR 1.63) R60999 11280US.1 (0971.2)

12/28/2015 C	Raymond Charles Henry Jr.
State of	
County of WAILE	
certify that Raymond Charles Henry Jr. personal acknowledged the due execution of the foregoin	g instrument.
Witness my hand and official seal, this the	8 day of <u>Dec</u> , 2015.
Official Seal) S \[\begin{array}{c} \left\begin{array}{c} \sqrt{\left\begin{array}{c} \sqrt{\left\begin{array}{c	Notary Public
COUNTY, N.O.	

County of Caudina

I, Builfy Chan S, a Notary Public for said County and State, do hereby certify that Frederic Philippe Ampolini personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the Q day of Tole 1, 2015.

(Official Seal)

My commission expires 1/28/2018

BEVERLY S. CREWS NOTARY PUBLIC FORSYTH COUNTY NORTH COUNTY NORTH COUNTY NORTH COUNTY NORTH COUNTY NORTH CAROLINA My Commission Expires: January 28, 8018

11-17-2015	Coppe f. Dood
Date	Jason L. Wood
State of Mouth Carolina	
\simeq \sim \sim	
County of Coselly	
I, Bully S Crew S, certify that Jason L. Wood personally execution of the foregoing instrument.	a Notary Public for said County and State, do hereby appeared before me this day and acknowledged the due
Witness my hand and official seal, this	s the, day of
(Official Seal)	Row Salas
My commission expires $1/28/2018$	Notary Public BEVERLY S. CREWS NOTARY PUBLIC FORSYTH COUNTY NORTH CAROLINA AN COMMISSION SERVICES JAMUSTY 28, 2018

Combined Worldwide Invention Assignment and U.S. Declaration (37 CFR 1.63) R60999 11280US.1 (0971.2)

11/5/2015	Clear Contact Belg
Date	Alan Curtis Billings
State of North CAroling	
County of Wake	
I, Brenda L. Hickey, a Notar certify that Alan Curtis Billings personally ap due execution of the foregoing instrument.	ry Public for said County and State, do hereby peared before me this day and acknowledged the
Witness my hand and official seal, this the	th day of November, 2015.
(Official Seal)	Browda L. Hock
My commission expires May 1,201 a	Notary Public
Brenda L. Hickey NOTARY PUBLIC Wake County, North Carolina My commission expires: 5 1 2019	