

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5091063

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SAWYER HUBBARD	02/27/2018
ERIC TAYLOR HUNT	02/27/2018
KAREN V. TALUSKIE	02/27/2018
STEPHEN BENSON SEARS	02/27/2018
DONNA WALKER DUGGINS	02/27/2018
MICHAEL F. DAVIS	03/07/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RAI STRATEGIC HOLDINGS, INC.
<b>Street Address:</b>	401 NORTH MAIN STREET
<b>City:</b>	WINSTON-SALEM
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	27101-3804
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15843497
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(919)755-2150
<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>	
<b>Phone:</b>	919-755-8156
<b>Email:</b>	tracey.wright@wbd-us.com
<b>Correspondent Name:</b>	CHRISOTPHER M. HUMPHREY
<b>Address Line 1:</b>	WOMBLE BOND DICKINSON (US) LLP
<b>Address Line 2:</b>	555 FAYETTEVILLE STREET, SUITE 1100
<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27601
<b>ATTORNEY DOCKET NUMBER:</b>	R60999 13010US.1 (1534.8)
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER M. HUMPHREY
<b>SIGNATURE:</b>	/christopher m. humphrey/
<b>DATE SIGNED:</b>	08/09/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT

**Total Attachments: 8**

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**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 WITH MULTIPLE AEROSOL DELIVERY PATHWAYS" and designated as

- Application No. 15/843,497; filed December 15, 2017
- Application claims priority from Application No. , filed , all applications listed above being hereinafter referred to as the "Application(s)";

WHEREAS, it is agreed that

RAI STRATEGIC HOLDINGS, INC.  
401 North Main Street  
Winston-Salem, North Carolina 27101-3804  
USA

(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

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 December 15, 2017 the earliest priority date of the Application(s).

U.S. DECLARATION: 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 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.

02/27/2018  
Date

Sawyer Hubbard  
Sawyer Hubbard

State of North Carolina  
County of Forsyth

I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that Sawyer Hubbard personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27 day of February, 2018.

(Official Seal)

Beverly S Crews  
Notary Public

My commission expires 1/28/2023

Beverly S. Crews  
Notary Public  
Forsyth County  
North Carolina  
My Commission Expires January 28, 2023

Date 02/27/2018

Eric Taylor Hunt  
Eric Taylor Hunt

State of North Carolina

County of Forsyth

I, Beverly S. Crews, a Notary Public for said County and State, do hereby certify that Eric Taylor Hunt personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27 day of February, 2018.

(Official Seal)

Beverly S. Crews  
Notary Public

My commission expires 1/28/2023

Beverly S. Crews  
Notary Public  
Forsyth County  
North Carolina  
My Commission Expires January 28, 2023

Feb. 27, 2018  
Date

Karen V. Taluskie  
Karen V. Taluskie

State of North Carolina  
County of Forsyth

I, Beverly S. Crews, a Notary Public for said County and State, do hereby certify that Karen V. Taluskie personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27 day of February, 2018.

(Official Seal)

Beverly S. Crews  
Notary Public

My commission expires 1/28/2023

Beverly S. Crews  
Notary Public  
Forsyth County  
North Carolina  
My Commission Expires January 28, 2023

February 27, 2018  
Date

Stephen B. Sears  
Stephen Benson Sears

State of North Carolina

County of Forsyth

I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that Stephen Benson Sears personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27 day of February, 2018.

(Official Seal)

Beverly S Crews  
Notary Public

My commission expires 1/28/2023

Beverly S. Crews  
Notary Public  
Forsyth County  
North Carolina  
My Commission Expires January 28, 2023



2-27-18  
Date

Donna Walker Duggins  
Donna Walker Duggins

State of North Carolina

County of Forsyth

I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that Donna Walker Duggins personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27 day of February, 2018.

(Official Seal)

Beverly S Crews  
Notary Public

My commission expires 1/28/2023

Beverly S. Crews  
Notary Public  
Forsyth County  
North Carolina  
My Commission Expires January 28, 2023

03/07/2018  
Date

*Michael F. Davis*  
Michael F. Davis

State of North Carolina

County of Forsyth

I, Beverly S. Crews, a Notary Public for said County and State, do hereby certify that Michael F. Davis personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7 day of March, 2018.

(Official Seal)

*Beverly S. Crews*  
Notary Public

My commission expires 1/28/2023

Beverly S. Crews  
Notary Public  
Forsyth County  
North Carolina  
My Commission Expires January 28, 2023