

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2730143

SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>GRADY LANCE DOOLY</td> <td>01/31/2014</td> </tr> <tr> <td>STEPHEN BENSON SEARS</td> <td>01/31/2014</td> </tr> <tr> <td>KAREN V. WILLIAMS</td> <td>01/31/2014</td> </tr> <tr> <td>GARY M. DULL</td> <td>01/31/2014</td> </tr> <tr> <td>STEVEN L. WORM</td> <td>01/30/2014</td> </tr> <tr> <td>WESLEY STEVEN JONES</td> <td>01/31/2014</td> </tr> <tr> <td>STEVEN LEE ALDERMAN</td> <td>02/07/2014</td> </tr> <tr> <td>PAUL A. BRINKLEY</td> <td>01/27/2014</td> </tr> <tr> <td>JACK GRAY FLINCHUM JR.</td> <td>01/31/2014</td> </tr> </tbody> </table>		Name	Execution Date	GRADY LANCE DOOLY	01/31/2014	STEPHEN BENSON SEARS	01/31/2014	KAREN V. WILLIAMS	01/31/2014	GARY M. DULL	01/31/2014	STEVEN L. WORM	01/30/2014	WESLEY STEVEN JONES	01/31/2014	STEVEN LEE ALDERMAN	02/07/2014	PAUL A. BRINKLEY	01/27/2014	JACK GRAY FLINCHUM JR.	01/31/2014
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PAUL A. BRINKLEY	01/27/2014																				
JACK GRAY FLINCHUM JR.	01/31/2014																				
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																					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14158264</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14158264																
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Application Number:	14158264																				
CORRESPONDENCE DATA																					
Fax Number:	(919)755-2150																				
Phone:	919-755-2100																				
Email:	dgravius@wcsr.com																				
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																					
Correspondent Name:	RYAN W. CAGLE																				
Address Line 1:	150 FAYETTEVILLE STREET, SUITE 2100																				
Address Line 2:	WOMBLE CARLYLE SANDRIDGE & RICE, LLP																				

Address Line 4: RALEIGH, NORTH CAROLINA 27601

ATTORNEY DOCKET NUMBER: R60999 10430US.1 (0593.8)

NAME OF SUBMITTER: RYAN W. CAGLE

Signature: /ryan w. cagle/

Date: 02/18/2014

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 11

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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 "**ELECTRONIC SMOKING ARTICLE WITH IMPROVED STORAGE OF AEROSOL PRECURSOR COMPOSITIONS**" and designated as

- Application No. 14/158,264; filed January 17, 2014
- Application claims priority from Application No. , filed , all applications listed above being hereinafter referred to as the "Application(s)";

WHEREAS, it is agreed that

R.J. Reynolds Tobacco Company
401 North Main Street
Winston-Salem, NC 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

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 January 17, 2014 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.

January 31, 2014
Date

Grady Lance Dooly
GRADY LANCE DOOLY

State of North Carolina
County of Forsyth

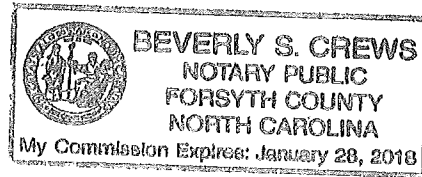
I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that GRADY LANCE DOOLY personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 31 day of January, 2014.

(Official Seal)

My commission expires 1/28/2018

Beverly S Crews
Notary Public



January 31, 2014
Date

Stephen Benson Sears
STEPHEN BENSON SEARS

State of North Carolina
County of Forsyth

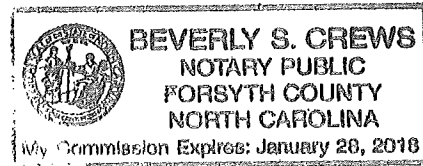
I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that STEPHEN BENSON SEARS personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 31 day of January, 2014.

(Official Seal)

Beverly S Crews
Notary Public

My commission expires 1/28/2018



1-31-14
Date

Karen V. Williams
KAREN V. WILLIAMS

State of North Carolina)

County of Forsyth)

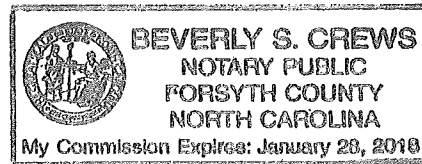
I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that KAREN V. WILLIAMS personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 31 day of January, 2014.

(Official Seal)

Beverly S Crews
Notary Public

My commission expires 1/28/2018



31 January 2014
Date

Gary M. Dull
GARY M. DULL

State of North Carolina

County of Forsyth

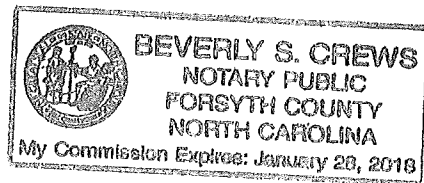
I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that GARY M. DULL personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 31 day of January, 2014.

(Official Seal)

Beverly S Crews
Notary Public

My commission expires 1/28/2018



1/30/14
Date

Steven L. Worm
STEVEN L. WORM

State of North Carolina)
County of Wake)

I, Kathleen N. Worm, a Notary Public for said County and State, do hereby certify that STEVEN L. WORM personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 30th day of January, 2014.

(Official Seal)

Kathleen N. Worm
Notary Public

My commission expires 2014



01/31/2014
Date

Wesley Steven Jones
WESLEY STEVEN JONES

State of North Carolina)

County of Forsyth)

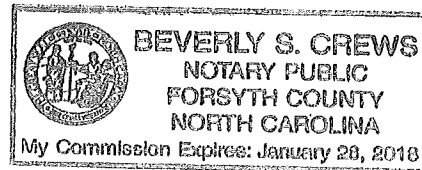
I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that WESLEY STEVEN JONES personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 31 day of January, 2014.

(Official Seal)

My commission expires 1/28/2018

Beverly S Crews
Notary Public



02/07/2014
Date

Steven Lee Alderman
STEVEN LEE ALDERMAN

State of North Carolina

County of Forsyth

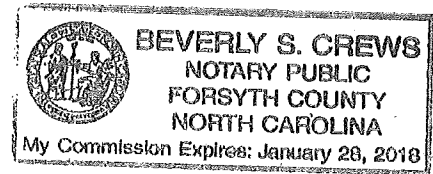
I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that STEVEN LEE ALDERMAN personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7th day of February, 2014.

(Official Seal)

Beverly S Crews
Notary Public

My commission expires 1/28/2018



1-27-2014
Date

Paul A. Brinkley
PAUL A. BRINKLEY

State of North Carolina
County of Forsyth

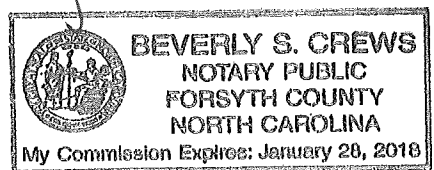
I, Beverly S. Crews, a Notary Public for said County and State, do hereby certify that PAUL A. BRINKLEY personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 27 day of January, 2014.

(Official Seal)

Beverly S. Crews
Notary Public

My commission expires 1/28/2018



1/31/2014
Date

Jacob Gray Flinchum Jr.
JACK GRAY FLINCHUM JR.

State of North Carolina

County of Forsyth

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

Witness my hand and official seal, this the 31 day of January, 2014.

(Official Seal)

Beverly S Crews
Notary Public

My commission expires 1/28/2018

