

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6742514

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
R. J. REYNOLDS TOBACCO COMPANY	03/17/2016
RECEIVING PARTY DATA	
Name:	RAI STRATEGIC HOLDINGS, INC.
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:	17336784
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	404-872-7000
Email:	makayla.newman@wbd-us.com
Correspondent Name:	WOMBLE BOND DICKINSON (US) LLP
Address Line 1:	ATTN: IP DOCKETING
Address Line 2:	P.O. BOX 7037
Address Line 4:	ATLANTA, GEORGIA 30357-0037
ATTORNEY DOCKET NUMBER:	R60999 10900US.D1 4070.9
NAME OF SUBMITTER:	MAKAYLA NEWMAN
SIGNATURE:	/Makayla Newman/
DATE SIGNED:	06/03/2021
Total Attachments: 4	
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WORLDWIDE PATENT AND INVENTION ASSIGNMENT

WHEREAS, **R.J. Reynolds Tobacco Company**, a corporation organized under the laws of the state of North Carolina and located and doing business at 401 North Main Street, Winston-Salem, North Carolina, 27101 (hereinafter referred to as "Assignor") presents that it has previously acquired all right, title, and interest in and to the United States patents and/or patent applications identified in the attached Appendix, and in and to all corresponding patents and/or patent applications worldwide, including those identified in the attached Appendix, and in and to the inventions represented thereby (all hereinafter referred to as the "Patents"); and,

WHEREAS, **RAI Strategic Holdings, Inc.**, a corporation organized under the laws of the state of North Carolina and located and doing business at 401 North Main Street, Winston-Salem, North Carolina 27101 (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Patents and in and to the inventions represented thereby; and

WHEREAS, the parties have agreed to the Assignment hereinafter set forth;

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 Patents; (ii) in and to said Patents and 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 Patents and 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 Patents; (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 behalf 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 patents and applications under the terms of any applicable conventions, treaties, statutes, or regulations.

Assignor hereby directs the United States Patent and Trademark Office and all foreign patent offices to issue any and all aforementioned patents or similar protective rights in the United States or elsewhere in the name of **Assignee**, for the interest and for the sole use and behoof of **Assignee**, and its successors and assigns.

For the same consideration, **Assignor** agrees to: (i) communicate to **Assignee**, its successors, legal representatives, and assigns, any facts known to **Assignor** respecting said invention 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, execute, or otherwise facilitate the signing or execution of 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) subject to Assignee’s agreement to reimburse Assignor for any reasonable costs and expenses, testify in any proceedings relating to said invention or improvements or rights granted therefor; and (iv) generally do everything possible to aid **Assignee**, 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, assigns, and legal representatives that no assignment, grant, security interest, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned.

By execution of this document, the undersigned warrants that he/she has full authority to transfer all right, title, and interest related to the subject matter described herein on behalf of the Assignor.

Executed on behalf of
R.J. Reynolds Tobacco Company

By: Daniel J Herko
(Signature)
Daniel J Herko
(Print Name)
Senior VP. R&D
Title

Date: 3/17/2016

State of North Carolina
County of Forsyth

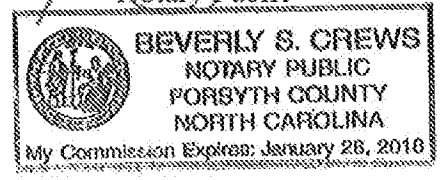
I, Beverly S Crews, a Notary Public for said County and State, do hereby certify that Daniel J Herko, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 17 day of March, 2016

(Official Seal)

Beverly S Crews
Notary Public

My commission expires 1/28/2018



Executed on behalf of
RAI Strategic Holdings, Inc.

By:

Michael J. Madigan
(Signature)

Michael J. Madigan
(Print Name)

Secretary
Title

Date: 3/17/16

State of North Carolina

County of Forsyth

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

Witness my hand and official seal, this the 17 day of March, 2016

(Official Seal)

Beverly S. Crews
Notary Public

My commission expires 1/28/2018

