

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4632990

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yanxin Shen	09/05/2017
RECEIVING PARTY DATA	
Name:	U.S. SMOKELESS TOBACCO COMPANY LLC
Street Address:	6603 WEST BROAD STREET
City:	RICHMOND
State/Country:	VIRGINIA
Postal Code:	23230
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14184914
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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:	(612) 335-5070
Email:	apsi@fr.com
Correspondent Name:	M. A. PARSONS
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	20210-0070006
NAME OF SUBMITTER:	AMANDA PETERSEN
SIGNATURE:	/Amanda Petersen/
DATE SIGNED:	10/10/2017
Total Attachments: 2	
source=Assignment#page1.tif	
source=Assignment#page2.tif	

ASSIGNMENT

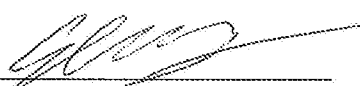
For valuable consideration, the receipt of which I acknowledge, and intending to be bound legally, I, Yanxin Shen, assign to U.S. Smokeless Tobacco Company LLC, a corporation formed under the laws of Virginia and having a principal place of business at 6603 West Broad Street, Richmond, VA 23230, and its successors, transferees, and assignees (collectively the "Assignee"), all of my right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names me as inventor, is titled "*Nicotiana Nucleic Acid Molecules and Uses Thereof*," and was filed in the U.S. Patent and Trademark Office on April 27, 2005 as U.S. Application No. 11/116,881 (the "Application"), which issued on April 20, 2010 as U.S. Patent No. 7,700,834 (the "Patent").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

I authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in my name or in the Assignee's name.

I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.

I will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.



Yanxin Shen

Date: 9-5-17

Witnessed by:

Signature:  Date: 9-5-17

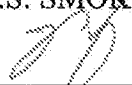
Print Name: DIANNE J. WATKINS

Signature:  Date: 9-5-17

Print Name: Kenneth L. Lilly

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: U.S. SMOKELESS TOBACCO COMPANY LLC

Signature:  Date: 9-18-17

Name: Brian Quigley

Title: President + CEO USSTC

61499934.doc