

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Dongmei Xu	06/20/2005
RECEIVING PARTY DATA	
Name:	U.S. Smokeless Tobacco Company
Street Address:	6603 West Broad Street
City:	Richmond
State/Country:	VIRGINIA
Postal Code:	23230
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12760905
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	20210-0069002
NAME OF SUBMITTER:	M. Angela Parsons
Signature:	/M. Angela Parsons/
Date:	05/16/2013
Total Attachments: 2 source=202100069assign#page1.tif source=202100069assign#page2.tif	

CH \$40.00 12760905

ASSIGNMENT

For valuable consideration, I,

Full Name of Assignor	City	State (and Country if not USA)
Dongmei Xu	Lexington	Kentucky

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
U.S. SMOKELESS TOBACCO COMPANY	Delaware	100 West Putnam Avenue Greenwich, Connecticut 06830

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by me, identified as:

Title of Application	Filing Date	Serial Number
TOBACCO NICOTINE DEMETHYLASE GENOMIC CLONE AND USES THEREOF	April 19, 2005	11/110,062

and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Winchester KY
this 20 day of June, 2005.

Dongmei Xu L.S.
DONGMEI XU

STATE OF Kentucky :
COUNTY OF Clark : :ss.

Before me this 20 day of June, 2005 before me, the undersigned notary public, personally appeared DONGMEI XU, proved to me through satisfactory evidence of identification, which consisted of Driver's License, to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Sharon Jurling
Notary Public

My Commission Expires: 11/14/05

[Notary's Seal Here]