PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrew Nathan Carroll	05/03/2013
Shannon Maxwell Black	03/05/2014
Yan Helen Sun	03/07/2014
William J. Burke	03/06/2014

RECEIVING PARTY DATA

Name:	ALTRIA CLIENT SERVICES INC.
Street Address:	6601 WEST BROAD STREET
City:	RICHMOND
State/Country:	VIRGINIA
Postal Code:	23230

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14213383

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: (612) 335-5070 **Email:** apsi@fr.com

Correspondent Name: GEOFFREY P. SHIPSIDES **Address Line 1:** FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	20210-0217001	
NAME OF SUBMITTER:	JILL A. WRIGHT	
SIGNATURE:	/Jill A. Wright/	
DATE SIGNED:	04/10/2014	

Total Attachments: 5

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> PATENT REEL: 032649 FRAME: 0386

Attorney Docket No.: 20210-0217P01 ALCS2640

ASSIGNMENT

For valuable consideration, we, Andrew Nathan Carroll, of 11712 Perdue Terrace, Chester, VA 23831; Shannon Maxwell Black, of 719 West 33rd Street, Richmond, VA 23225; Yan Helen Sun, of 14319 Charter Landing Dr., Midlothian, VA 23114 and William Joseph Burke, of 1800 Glencove Lane, Richmond, VA 23225; hereby assign to ALTRIA CLIENT SERVICES INC., a corporation of New York, having a place of business at 6601 West Broad Street, Richmond, VA 23230, and 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 an application for United States Patent signed by us, entitled POUCH MATERIAL FOR SMOKELESS TOBACCO AND TOBACCO SUBSTITUTE PRODUCTS, filed March 15, 2013, and assigned U.S. Serial Number 61/786.315, this assignment including 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 we authorize the Assignee to apply in all countries in our 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 we agree for ourselves and our 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.

Assignment Page 1 of 5

DATE: TANK	The state of the s
	ANDREW NATHAN CARROLL
STATE OF Virginia)	
COUNTY OF (Liester field)	SS.
On May \$ 20/3, befo	re me, the undersigned, a notary public for the State of
Vicaiuia, ther	e personally appeared ANDREW NATHAN CARROLL
personally known to me (or proved to	me on the basis of satisfactory evidence) to be the person
whose name is subscribed to this Assign	ment, who acknowledged having executed the same in his
authorized capacity and that by his sig	mature on this Assignment, the person or the entity upon
behalf of which he acted, executed this A	Assignment.

WITNESS my hand and official seal.

X

7037656

Attorney Docket No.: 20210-0217P01 ALCS2640

DATE: 3/5/2014	
	SHANNON MÄXWELL BLACK
STATE OF Viginia	
STATE OF Virginia COUNTY OF MESTERS SS.	
On <u>3.5.2014</u> , before me	, the undersigned, a notary public for the State of
Virginia , there pers	onally appeared SHANNON MAXWELL BLACK
personally known to me (or proved to me on	the basis of satisfactory evidence) to be the person
whose name is subscribed to this Assignment,	who acknowledged having executed the same in her
authorized capacity and that by her signature	on this Assignment, the person or the entity upor
behalf of which he acted, executed this Assign	ment.

WITNESS my hand and official seal.

Ses. W.

Attorney Docket No.: 20210-0217P01 ALCS2640

STATE OF Virginia

COUNTY OF Virginia

SS.

On ________, before me, the undersigned, a notary public for the State of __________, there personally appeared YAN HELEN SUN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

"Manual Manual M

Notary Public

7037656

3:31.14

Attorney's Docket No.: 20210-0217P01 / ALCS2640

Date: 03/11/14	Willand
	WILLIAM T. BURKE
Vitnessed by:	
Vame:	
STEPHEN M. SUSSIN	en e
Name:	Date:

@913076.doc

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