

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7266069

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARCOS FERNANDO DE GODOY LUSSO	03/21/2019
JAMES STRICKLAND	05/07/2019
JESSE FREDERICK	04/16/2019
DONGMEI XU	03/20/2019
CHENGALRAYAN KUDITHIPUDI	03/21/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALTRIA CLIENT SERVICES LLC
<b>Street Address:</b>	6601 WEST BROAD STREET
<b>City:</b>	RICHMOND
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	23230
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17571138
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Phone:</b>	2029425000
<b>Email:</b>	jasmyn.ange@arnoldporter.com
<b>Correspondent Name:</b>	ARNOLD & PORTER
<b>Address Line 1:</b>	601 MASSACHUSETTS AVE, NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20001
<b>ATTORNEY DOCKET NUMBER:</b>	P34584US02
<b>NAME OF SUBMITTER:</b>	MICHAEL LEWIS
<b>SIGNATURE:</b>	/MICHAEL LEWIS/
<b>DATE SIGNED:</b>	04/06/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 6</b>	

source=Assignment (US) Executed - P34584US02#page1.tif  
source=Assignment (US) Executed - P34584US02#page2.tif  
source=Assignment (US) Executed - P34584US02#page3.tif  
source=Assignment (US) Executed - P34584US02#page4.tif  
source=Assignment (US) Executed - P34584US02#page5.tif  
source=Assignment (US) Executed - P34584US02#page6.tif

**COMBINED ASSIGNMENT AND DECLARATION (37 CFR §1.63)**

WHEREAS, we (Marcos Fernando de GODOY LUSSO, James STRICKLAND, Jesse FREDERICK, Dongmei XU and Chengalrayan KUDITHIPUDI), the undersigned, have made certain invention or inventions which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

**Compositions and Methods for Producing Tobacco Plants and Products Having Altered Alkaloid Levels with Desirable Leaf Quality**

identified as U.S. Patent Application No. 16/291,878, filed March 4, 2019; and International Application No. PCT/US2019/020567, filed March 4, 2019.

The above-identified application was made or authorized to be made by me/us.

We believe that we are the original inventor or an original joint inventor of a claimed invention in the application.

WHEREAS, Altria Client Services LLC, of 6601 West Broad Street, Richmond, Virginia 23230, Limited Liability Company of the State of Virginia, (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, we do hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by us as employee(s), agent(s) or contractor(s) of said ASSIGNEE; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention, inventions or improvements; and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

We hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE, as assignee of the entire interest.

We further agree, without any payment by ASSIGNEE other than in reimbursement of reasonable expenses we may incur, to communicate to said ASSIGNEE, its representatives or agents, any facts relating to said invention, inventions or improvements, including evidence for purposes of interference, opposition or other legal proceedings, whenever requested; testify in any interference, opposition or other legal proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective.

We 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.

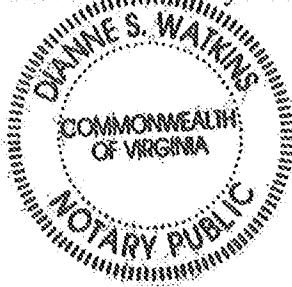
IN TESTIMONY WHEREOF, we have hereto set our hands on the dates set after our signatures.

Signature: *Marcos Lusso* Date: 03/21/19  
Name: Marcos Fernando de GODOY LUSO  
City and state or country of residence: Chesterfield, VA (US)

State of Virginia )  
County of Chesterfield ) ss.

On this 21<sup>st</sup> day of March, 2019, before me personally appeared Marcos Fernando de GODOY LUSO, known to me to be the person who executed the foregoing instrument and acknowledged that she executed the same as her free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)



*Dianne S. Watkins*  
Notary Public or Consular Officer  
706 7656

My Commission expires 5.31.2022

We 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.

IN TESTIMONY WHEREOF, we have hereto set our hands on the dates set after our signatures.

Signature: [Signature]

Date: 07 May 2019

Name: James STRICKLAND

James A. Strickland

City and state or country of residence: Richmond, VA (US)

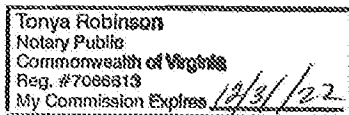
State of Virginia

County of Virginia Beach

ss.

On this 7 day of May, 2019, before me personally appeared James STRICKLAND, known to me to be the person who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)



[Signature]

Notary Public or Consular Officer

My Commission expires 12/31/22

We 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.

IN TESTIMONY WHEREOF, we have hereto set our hands on the dates set after our signatures.

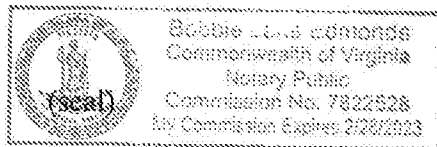
Signature: [Signature] Date: 4/16/19

Name: Jesse FREDERICK

City and state or country of residence: Richmond, VA (US)

State of Virginia )  
County of Chesterfield ) ss.

On this 16<sup>th</sup> day of April, 2019, before me personally appeared Jesse FREDERICK, known to me to be the person who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.



[Signature]  
Notary Public or Consular Officer

My Commission expires 2/28/2023

We 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.

IN TESTIMONY WHEREOF, we have hereto set our hands on the dates set after our signatures.

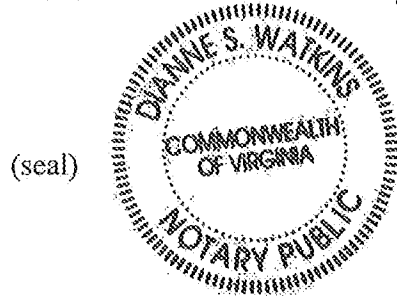
Signature: Dongmei Xu Date: March 20th, 2019

Name: Dongmei XU

City and state or country of residence: Glen Allen, VA (US)

State of Virginia )  
County of Chesterfield ) ss.

On this 20th day of March, 2019, before me personally appeared Dongmei XU, known to me to be the person who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.



Dianne S. Watkins  
Notary Public or Consular Officer  
703 76576

My Commission expires 05/31/2022

We 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.

IN TESTIMONY WHEREOF, we have hereto set our hands on the dates set after our signatures.

Signature: [Signature] Date: 3/21/2019

Name: Chengalrayan KUDITHIPUDI

City and state or country of residence: Midlothian, VA (US)

State of Virginia )  
County of Chesterfield ) ss.

On this 21<sup>st</sup> day of March, 2019, before me personally appeared Chengalrayan KUDITHIPUDI, known to me to be the person who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed; in testimony whereof I have hereto set my hand and official seal on the day last above written.

(seal)



[Signature]  
Notary Public or Consular Officer  
7067656

My Commission expires 5.31.2022