505236787 12/14/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ASHOK KUMAR	07/10/2009
CAROLINA MARUN	01/29/2009
GREGORY J. GRISCIK	02/11/2009
DAVID R. GOLOB	02/11/2009
JON REGRUT	07/02/2009
SURESH SHENOY	07/09/2009
WILLIAM R. SWEENEY	01/29/2009

RECEIVING PARTY DATA

Name:	PHILIP MORRIS USA INC.
Street Address:	6601 WEST BROAD STREET
City:	RICHMOND
State/Country:	VIRGINIA
Postal Code:	23230

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8714163

CORRESPONDENCE DATA

Fax Number: (703)668-8200

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.

Phone: (703) 668-8000

Email: dcmailroom@hdp.com, hbennett@hdp.com **Correspondent Name:** HARNESS, DICKEY & PIERCE, P.L.C.

Address Line 1: P.O. BOX 8910

Address Line 4: RESTON, VIRGINIA 20195

ATTORNEY DOCKET NUMBER:	24000R-000021-US-DVA	
NAME OF SUBMITTER:	GARY D. YACURA	
SIGNATURE:	/Gary D. Yacura/	
DATE SIGNED:	12/14/2018	

PATENT 505236787 REEL: 047774 FRAME: 0133

Total Attachments: 6 source=24000R-21-US-DVA_Assignment#page1.tif source=24000R-21-US-DVA_Assignment#page2.tif source=24000R-21-US-DVA_Assignment#page3.tif

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Docket No. 15086

ASSIGNMENT

THIS ASSIGNMENT, by 1) Ashok Kumar; 2) Carolina Marun; 3) Gregory J. Griscik; 4) David R. Golob; 5) Jon Regrut; 6) Suresh Shenoy; 7) William R. Sweeney; and 8) Manuel Marquez-Sanchez (hereinafter referred to as "the Assignors"), residing at 1) 9110 Cardiff Road, Richmond, VA 23236, USA; 2) 14148 Riverdowns South Drive, Midlothian, VA, USA; 3) 13227 Dawnwood Court, Midlothian, VA 23838, USA; 4) 11620 Old Lewiston Road, Richmond, VA 23236, USA; 5) 702 S. Nansemond Street, Richmond, VA 23221, USA; 6) 9615 Hitchin Drive, Richmond, VA 23238, USA; 7) 8242 Marwood Drive, Richmond, VA 23235, USA; and 8) 14148 Riverdowns South Drive, Midlothian, VA 23113, USA, respectively, witnesseth:

WHEREAS, the Assignor(s) have made a certain new and useful invention entitled

SMOKELESS COMPRESSED TOBACCO PRODUCT FOR ORAL CONSUMPTION

for which an application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on November 26, 2008, and accorded U.S. Serial No. 12/323,629; and

WHEREAS, PHILIP MORRIS USA INC., a corporation duly organized under and pursuant to the laws of the State of Virginia and having an office and place of business at 6601 West Broad Street, Richmond, Virginia 23230-1723, is desirous of acquiring the entire right, title, and interest in and to the inventions for the United States and the application for Letters Patent of the United States, and in and to any United States Letters Patent or Patents, to be obtained therefor and thereon; and

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) to each of us paid and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

ASSIGNMENT OF UNITED STATES PATENT RIGHTS

We do hereby sell, assign and transfer unto PHILIP MORRIS USA INC., its successors, assigns and legal representatives, all right, title, and interest in and to the inventions, for the United States, and in and to the United States patent application, including any continuations and divisions thereof, and any substitute applications therefor and any United States patents which may issue thereon and any reissues and extensions of the same; and we hereby authorize and request the Commissioner of Patents to grant and issue any and all patents on the inventions in the United States to PHILIP MORRIS USA INC. as the assignee thereof.

ASSIGNMENT OF FOREIGN PATENT RIGHTS

Further in view of the consideration hereinabove referred to, we do hereby sell, assign, and transfer unto PHILIP MORRIS USA INC., its successors, assigns and legal representatives, all right, title and interest in and to the inventions for all countries foreign to the United States, including the right to claim priority under the International Convention based on the United States patent application, and in and to any foreign patent application, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any foreign patents which may issue thereon, and any reissues and extensions of the same; and we hereby authorize and request competent authorities to grant and issue any and all patents on the inventions in any foreign country to PHILIP MORRIS USA INC. as the assignee thereof.

We further agree to execute upon request of the assignee PHILIP MORRIS USA INC. such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in the United States, and to execute upon request of assignee PHILIP MORRIS USA INC. such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in countries foreign to the United States, and to otherwise give full effect to and perfect the rights of the assignee PHILIP MORRIS USA INC. in the United States and of assignee PHILIP MORRIS USA INC. in countries foreign to the United States.

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and any and all applications for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth:

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that the Assignors will, whenever counsel of the assignees, or counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with the inventions or any and all applications for Letters Patent, or any proceeding in connection with Letters Patent for the inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for the inventions, without charge to the assignees, their successors, legal representatives, and assigns, but at the cost and expense of the assignees, their successors, legal representatives, and assigns;

IN TESTIMONY THEREOF, we have hereunto signed our names on the dates hereinafter indicated:

Date: July 10, 2009
Signature: Cherx Curun
STATE OF VIRGINIA)
CITY OF RICHMOND; Encircled aunity
On this 10th day of July , 2009, appeared before me in person the above-named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.
My Commission Expires: 7/31/10
Should but - commission
NOTARY PUBLIC NUMBER 329775 NUMBER 329775
Date:
Signature: Name of Assignor: <u>Carolina Marun</u>
STATE OF VIRGINIA)
: ss CITY OF RICHMOND)
On this day of, 2009, appeared before me in person the above- named individual, and acknowledged the above lo be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.
My Commission Expires:

We further agree to execute upon request of the assignee PHILIP MORRIS USA INC. such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in the United States, and to execute upon request of assignee PHILIP MORRIS USA INC. such additional documents, if any, as are necessary and proper to secure patent protection on the inventions in countries foreign to the United States, and to otherwise give full effect to and perfect the rights of the assignee PHILIP MORRIS USA INC. in the United States and of assignee PHILIP MORRIS USA INC. in countries foreign to the United States.

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions and any and all applications for Letters Patent above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the assignees, their successors, legal representatives, and assigns, that the Assignors will, whenever counsel of the assignees, or counsel of their successors, legal representatives, and assigns, shall advise that any proceeding in connection with the inventions or any and all applications for Letters Patent, or any proceeding in connection with Letters Patent for the inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for the inventions, without charge to the assignees, their successors, legal representatives, and assigns, but at the cost and expense of the assignees, their successors, legal representatives, and assigns;

IN TESTIMONY THEREOF, we have hereunto signed our names on the dates

hereinafter indicated: Date: Signature: Name of Assignor: Ashok Kumar STATE OF VIRGINIA CITY OF RICHMOND) day of 2009, appeared before me in person the abovenamed individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth. My Commission Expires: **NOTARY PUBLIC** 01/29/ Date: Signature: Name of Assignor: Carolina Marun STATE OF VIRGINIA CITY OF RICHMOND On this day of day of 100 V 2009, appeared before me in person the above named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.

My Commission Expires;

Danlelle Basi Durham

Commonwealth of Virginia Notary Public Commission No. 337303 My Commission Expires 11/30/2012

Date:
Signature: Name of Assignor: <u>Gregory J. Grisdik</u>
STATE OF VIRGINIA) : ss
CITY OF RICHMOND)
On this 1 day of COY V , , 2009, appeared before me in person the above-named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes harming burtham Commonwealth of Virginia
My Commission Expires: NoTARY PUBLIC Commonwealth of Viginia Notary Public Commission No. 3 7303 My Commission Exp. ce 1/33/2012
h u ag
Signature: David R. Golob
STATE OF VIRGINIA)
CITY OF RICHMOND) ss
On this day of + Or O O O, 2009, appeared before me in person the above-named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.
Danielle Basi Durham Commenwealth of Virginia Notary Public NOTARY PUBLIC Danielle Basi Durham Commenwealth of Virginia Notary Public Commission No. 337303 My Commission Expires 11/30/2012
Date: <u>0</u> 7 02 700 9
Name of Assignor: <u>Jon Regrut</u>
STATE OF VÍRGINIA) : ss
CITY OF RICHMOND)
On this 2 day of
My Commission Expires: Och Der 31, 2010
My Commission Expires: October 31,2010 NOTARY PUBLIC # 116419

Date: 7/9/2 tv9
Signature: Assignor: Suresh Shenoy
STATE OF VIRGINIA)
CITY OF RICHMOND)
On this day of named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.
My Commission Expires: NOV 30/3013 On CON Commission Expires: Notary Public Commission No. 337303 My Commission Expires: 11/30/2012
Date:
Signature: Name of Assignor: <u>William R. Sweeney</u>
STATE OF VIRGINIA)
CITY OF RICHMOND) ss
On this day of, 2009, appeared before me in person the abovenamed individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.
My Commission Expires:
NOTARY PUBLIC
Date:
Signature: Name of Assignor: <u>Manuel Marquez-Sanchez</u>
STATE OF VIRGINIA)
CITY OF RICHMOND)
On this day of, 2009, appeared before me in person the above- named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.
My Commission Expires:

NOTARY PUBLIC

Date:
Signature: Name of Assignor: <u>Suresh Shenoy</u>
Name of Assignor. Suresh Shelloy
STATE OF VIRGINIA) : ss
CITY OF RICHMOND)
On this day of, 2009, appeared before me in person the above named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered th above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.
My Commission Expires:
NOTARY PUBLIC
Date: 1/29/01
Signature: William R. Sweeney
STATE OF VIRGINIA)
CITY OF RICHMOND)
On this day of <u>\(\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>
NOTARY PUBLIC Danlelle Basi Durham Commonwealth of Virginia Notary Public Commission No. 337303 My Commission Expires 11/30/2012
Date:
Signature:
STATE OF VIRGINIA)
: ss CITY OF RICHMOND)
On this day of, 2009, appeared before me in person the above- named individual, and acknowledged the above to be his signature and that he signed, sealed and delivered the above instrument as his voluntary act and deed, and for the uses and purposes therein set forth.
My Commission Expires:
IOTARY PURI IC

RECORDED: 12/14/2018