

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Feng Gao	01/14/2010
Shalva Gedevanishvili	01/14/2010
Shengsheng Liu	06/12/2010
Munmaya K. Mishra	01/09/2010
William R. Sweeney	01/08/2010
Randall Baren	01/14/2010
Qinglin Li	05/26/2010
Darin Colassaco	05/26/2010
Salem Chouchane	07/28/2010

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
Application Number:	12633247

CORRESPONDENCE DATA

Fax Number: (703)836-2021

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 703-836-6620

Email: offserv@bipc.com

Correspondent Name: BUCHANAN, INGERSOLL & ROONEY PC

Address Line 1: POST OFFICE BOX 1404

Address Line 4: ALEXANDRIA, VIRGINIA 22313-1404

OP \$40.00 12633247

501247051

PATENT
REEL: 024759 FRAME: 0262

ATTORNEY DOCKET NUMBER:	1021238-001068
NAME OF SUBMITTER:	Peter K. Skiff
<p>Total Attachments: 8</p> <p>source=ASSIGNMENT#page1.tif</p> <p>source=ASSIGNMENT#page2.tif</p> <p>source=ASSIGNMENT#page3.tif</p> <p>source=ASSIGNMENT#page4.tif</p> <p>source=ASSIGNMENT#page5.tif</p> <p>source=ASSIGNMENT#page6.tif</p> <p>source=ASSIGNMENT#page7.tif</p> <p>source=ASSIGNMENT#page8.tif</p>	

ASSIGNMENT
(JOINT)

THIS ASSIGNMENT, by 1) Feng Gao, 2) Shalva Gedevanishvili, 3) Shengsheng Liu, 4) Munmaya K. Mishra, 5) William R. Sweeney, 6) Randall Baren, 7) Qinglin Li, 8) Darin Colassaco and 9) Salem Chouchane (hereinafter referred to as "the Assignors"), residing at 1) 3058 Lancers Boulevard, Richmond, VA 23224, 2) 7303 Durwood Crescent, Richmond, VA 23229, 3) 11812 Coolwind Lane, Richmond, VA 23233, 4) 1631 Sabot Creek Drive, Manakin Sabot, VA 23103, 5) 8242 Marwood Drive, Richmond, VA 23235, 6) 11412 Sutton Park Court, Glen Allen, VA 23059, 7) 11601 Aprilbud Drive, Richmond, VA 23233, 8) 5404 Windy Ridge Drive, Midlothian, VA 23112 and 9) 1624 Westbury Knoll Lane, Midlothian, VA 23114, respectively, witnesseth:

WHEREAS, the Assignors have made certain new and useful inventions in SOFT, CHEWABLE AND ORALLY DISSOLVABLE AND/OR DISINTEGRABLE PRODUCTS set forth in an application for Letters Patent of the United States of America, [] having an oath or declaration executed on even date herewith; [X] bearing Serial No. 12/633,247, and filed on December 8, 2009; 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, VA 23230, 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

WHEREAS, PHILIP MORRIS PRODUCTS S.A. (formerly known as Fabriques de Tabac Reunies S.A.), a corporation organized and existing under the laws of Switzerland and having an office and place of business at Quai Jeanrenaud 3, CH-2000, Neuchâtel, Switzerland, is desirous of acquiring the entire right, title, and interest in and to the inventions for countries foreign to the United States, and in and to any foreign patent applications, and in and to any foreign 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 PRODUCTS S.A., 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 PRODUCTS S.A. 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 PRODUCTS S.A. 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 PRODUCTS S.A. 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 1-14-2010 Name of Assignor Feng Gao
Feng Gao

STATE OF VIRGINIA)
: ss
CITY OF RICHMOND)

On this 14 day of JANUARY, 2010, 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:

Dianne S. Watkins
NOTARY PUBLIC

(Notarial Seal)



Dianne S. Watkins
Commonwealth of Virginia
Notary Public
Commission No. 7037656
My Commission Expires 05/31/2010

Date 01.14.2010 Name of Assignor S. Gedevanishvili
Shalva Gedevanishvili

STATE OF VIRGINIA)
: ss
CITY OF RICHMOND)

On this 14 day of JANUARY, 2010, 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: 11/30/2012

Danielle Basl Durham
NOTARY PUBLIC

(Notarial Seal)



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

Date 6/12/2010

Name of Assignor Shengsheng Liu
Shengsheng Liu

STATE OF VIRGINIA)
: ss
CITY OF RICHMOND)

On this 12TH day of JUNE, 2010, 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: 2/29/2012

[Signature]
NOTARY PUBLIC

(Notarial Seal)

Date _____

Name of Assignor _____
Munmaya K. Mishra

STATE OF VIRGINIA)
: ss
CITY OF RICHMOND)

On this _____ day of _____, 2010, 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

(Notarial Seal)

Date _____

Name of Assignor _____

Shengsheng Liu

STATE OF VIRGINIA)

: ss

CITY OF RICHMOND)

On this _____ day of _____, 2010, 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

(Notarial Seal)

Date _____

1/19/10

Name of Assignor _____

Munmaya K. Mishra

STATE OF VIRGINIA)

: ss

CITY OF RICHMOND)

On this 19 day of January, 2010, 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: _____



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

NOTARY PUBLIC

Date 1/8/10

Name of Assignor

[Signature]
William R. Sweeney

STATE OF VIRGINIA)

: ss

CITY OF RICHMOND)

On this 8 day of January, 2010, 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: 11/30/2012

[Signature]

(Notarial Seal)



NOTARY PUBLIC

Date 1/14/2010

Name of Assignor

[Signature]
Randall Baren

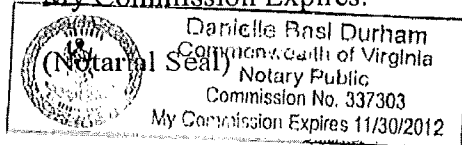
STATE OF VIRGINIA)

: ss

CITY OF RICHMOND)

On this 14 day of January, 2010, 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:



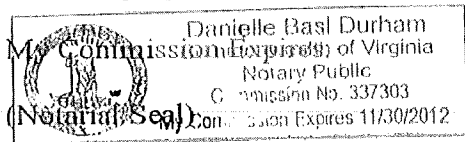
[Signature]

NOTARY PUBLIC

Date 5/26/2010 Name of Assignor Qinglin Li

STATE OF VIRGINIA)
: ss
CITY OF RICHMOND)

On this 26 day of May, 2010, 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.

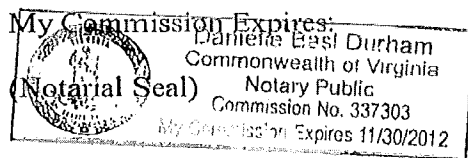


Darwin B. DeWitt
NOTARY PUBLIC

Date 5/26/2010 Name of Assignor Darin Colassaco

STATE OF VIRGINIA)
: ss
CITY OF RICHMOND)

On this 26 day of May, 2010, 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.



Darwin B. DeWitt
NOTARY PUBLIC

Date

7/28/2010

Name of Assignor

Salem Chouchane

North Carolina
STATE OF ~~VIRGINIA~~
County of Forsyth : ss
~~CITY OF RICHMOND~~

On this 28th day of July, 2010, 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:

4/5/2011

(Notarial Seal)

John S. Bradford
NOTARY PUBLIC

