PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7481490

	CTIVE ASSIGNMENT
DOCUM	re Assignment to correct the INCORRECT ASSIGNMENT ENT UPLOADED previously recorded on Reel 060754 Frame signor(s) hereby confirms the N/A.

CONVEYING PARTY DATA

Name	Execution Date
PHILIP MORRIS PRODUCTS S.A.	02/14/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16353469

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: 17036688000

Email: dcmailroom@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:	24000PA-000121-US
NAME OF SUBMITTER:	PETER S. FIREY
SIGNATURE:	/Peter S. Firey/
DATE SIGNED:	08/11/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 061148 FRAME: 0869

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7475482

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIP MORRIS PRODUCTS S.A.	02/14/2017

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HARNESS, DICKEY & PIERCE, P.L.C. **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	24000PA-000121-US
NAME OF SUBMITTER:	PETER S. FIREY
SIGNATURE:	/Peter S. Firey/
DATE SIGNED:	08/09/2022

Total Attachments: 3

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> PATENT **REEL: 061148 FRAME: 0870**

ASSIGNMENT

Whereas Philip Morris Products S.A., Quai Jeanrenaud 3, 2000 Neuchâtel,

Switzerland (Assignor), is the owner of the full and exclusive right, title and

interest throughout the world, including the right to claim priority under all

treaties and laws, to European Application No. 17204740.9, filed 30th

November 2017 (Application) and the entire subject matter described therein

(Inventions);

Whereas Altria Client Services LLC, 6601 West Broad Street, Richmond,

Virginia 23230, USA (Assignee) is desirous of acquiring the entire right, title

and interest in the United States of America to the Inventions, and the right

to claim priority to the Application in all U.S. applications on the Inventions;

For good and valuable consideration, the receipt and adequacy whereof

Assignor hereby acknowledges, Assignor hereby confirms any prior

assignment to the Assignee and to the extent Assignor has not already done

so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee

and its successors in interest, the full and exclusive right, title and interest in

the United States of America to the Inventions, the right to claim priority to

the Application in all U.S. applications on the Inventions, all U.S. applications

on the Inventions, all divisionals, continuations, continuations-in-part, or

other U.S. applications claiming priority directly or indirectly from U.S.

applications on the Inventions, and any United States Letters Patent or other

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similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights in the United States of America in the Inventions, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent or other similar rights are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the U.S. applications, U.S. patents or other similar rights, resulting therefrom, and the copyright rights in the U.S.

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any U.S. applications of any type for patent or other similar rights, and for copyright in the United States including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor.

Assignor hereby covenants that Assignor has not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Assignment.

Page 2 of 3

HDP Ref: 24000-____-US

Assignor hereby requests the United States Patent and Trademark Office to issue any Letters Patent of the United States of America on the Inventions to Assignee.

Assignor hereby grants the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Philip Morris Products S.A.

By:

Title:

Mikkjal Gulklett

Senior Counsel Patents
Philip Morns Products S.A.

Date:

<u> 23. Movember 2018.</u>

Takeshi Mikayama Patent Counsel Philip Morris Products S.A

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