

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	GERARD ZUBER	08/18/2018
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<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16064173
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<b>NAME OF SUBMITTER:</b>	BRIAN C WHIPPS	
<b>SIGNATURE:</b>	/brian c. whipps/	
<b>DATE SIGNED:</b>	10/18/2018	
<b>Total Attachments: 2</b>		
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**ASSIGNMENT**

Whereas I, Gérard Zuber, with residence and citizenship as indicated below, have made an invention in

**NICOTINE POWDER DELIVERY SYSTEM**

U.S. National Stage Application No. 16/064,173  
International Application No. PCT/IB2016/057455

Filed 20 June 2018  
Filed 8 December 2016

as described in the above-identified patent application filed under the Patent Cooperation Treaty and that  
claims priority and/or the benefit of the following application(s):

**NICOTINE POWDER DELIVERY SYSTEM**

European Application No. 15202712.4

Filed 24 December 2015

Now, therefore, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, I have individually agreed to assign and transfer and do hereby assign and transfer unto PHILIP MORRIS PRODUCTS S.A. ("Company"), a corporation of Switzerland, having its principal office at Quai Jeanrenaud 3, 2000 Neuchâtel, Switzerland, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by me or made jointly with others (provided any such improvement is made during, or within one year after the termination of, my employment by the Company), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by me had this assignment and transfer not been made;

I do further agree for myself and for my heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as I lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And I do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent that may be granted upon any of said applications, to PHILIP MORRIS PRODUCTS S.A. as the assignee of the entire right, title, and interest therein.

Further, I covenant and agree with the Assignee, and its successors and assigns, that I have not assigned, granted, mortgaged, licensed, or executed any other agreement affecting the rights and property herein conveyed to others and that I possess the full right to convey these rights and property as herein expressed.

Assignment

US National Stage 16/064,173 - Int'l Appln. No. PCT/IB2016/057455


Filing Date: 20 June 2018 - Int'l Filing Date: 8 December 2016

For: NICOTINE POWDER DELIVERY SYSTEM

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I and the Assignee authorize and empower **Muetting, Raasch & Gebhardt, P.A.**, whose complete address is **111 Third Avenue South, Suite 350, Minneapolis, MN 55401, USA**, to insert on this Assignment any further identification, to prepare any translation that may be necessary or desirable to comply with the rules for recordation of this document in any country, and to correct any clerical error in this assignment.

In witness whereof, I have hereunto signed my name on the day and year set forth below.

  
Name: Gérard ZUBER  
Address: Route du Village 6, CH-1063,  
Boulens, CH  
Citizenship: Switzerland


19-AUG-2018  
Date

  
Witness

  
Witness

Thierry JOYEUX  
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1110 Mages  
GAËTAN COUDERL  
CHENAIE 32A  
2034 RESEUX  
SWITZERLAND

For and on behalf of  
**Philip Morris Products S.A.**  
By its authorized officer

Signature   
Takeshi Mikayama  
Patent Counsel  
Philip Morris Products S.A.

Printed Name

  
Mikkjal Gulckett  
Senior Counsel Patents  
Philip Morris Products S.A.

13 September 2018  
Date

Title