

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7278696

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
EMERIC GRANDJEAN	11/25/2021
IRENE TAURINO	11/19/2021
IHAR NIKOLAEVICH ZINOVIK	12/21/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PHILIP MORRIS PRODUCTS S.A.
<b>Street Address:</b>	QUAI JEANRENAUD 3
<b>City:</b>	NEUCHATEL
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	2000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17276613
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)305-1228
<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>	6123051006
<b>Email:</b>	dlagro@mrgiplaw.com
<b>Correspondent Name:</b>	DENISE LAGRO
<b>Address Line 1:</b>	111 WASHINGTON AVENUE SOUTH SUITE 700
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55401
<b>ATTORNEY DOCKET NUMBER:</b>	0642.002303US01
<b>NAME OF SUBMITTER:</b>	DENISE M. LAGRO
<b>SIGNATURE:</b>	/Denise M. Lagro/
<b>DATE SIGNED:</b>	04/13/2022
<b>Total Attachments: 7</b>	
source=Executedassignment-0642-002303US01#page1.tif	
source=Executedassignment-0642-002303US01#page2.tif	
source=Executedassignment-0642-002303US01#page3.tif	
source=Executedassignment-0642-002303US01#page4.tif	

source=Executedassignment-0642-002303US01#page5.tif

source=Executedassignment-0642-002303US01#page6.tif

source=Executedassignment-0642-002303US01#page7.tif

Docket No. 0642.002303US01

**ASSIGNMENT**

Whereas We, **Emeric Grandjean, Irene Taurino, and Ihar Nikolaevich Zinovik**, with residences and citizenships as indicated below; have made an invention in

**AEROSOL GENERATING SYSTEM WITH SUBSTRATE ADVANCE**

Filed: March 16, 2021

U.S. Application Serial No.: 17/276,613

and executed an application for Letters Patent of the United States of America based thereon and that claims priority and/or the benefit of the following application(s):

Filed: September 26, 2019

Serial No.: PCT/EP2019/076068

Filed: September 28, 2018

European Application No.: 18197775.2

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto **PHILIP MORRIS PRODUCTS S.A.** ("Company"), having its principal office at Quai Jeanrenaud 3, CH-2000 Neuchatel, 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 us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), 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 us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we 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 we 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.

Assignment

Application No. 17/276,613

Filing Date: March 16, 2021

For: AEROSOL GENERATING SYSTEM WITH SUBSTRATE ADVANCE

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

If the filing date and application number are not identified in this Assignment at the time of execution, we authorize the Assignee and its agents, legal representatives, successors and assigns, to insert such information into this Assignment and/or true and correct copies thereof at a later date.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

E Grandjean  
Name: Emeric Grandjean  
Address: Quai Jeanrenaud 3  
Neuchatel, Switzerland 2000  
Citizenship: \_\_\_\_\_

25/11/2021  
Date

Onur DAYIOGLU  
Witness

David Kucuk  
Witness

\_\_\_\_\_  
Name: Irene Taurino  
Address: Quai Jeanrenaud 3  
Neuchatel, Switzerland 2000  
Citizenship: \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Assignment  
Application No. 17/276,613  
Filing Date: March 16, 2021  
For: AEROSOL GENERATING SYSTEM WITH SUBSTRATE ADVANCE

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

If the filing date and application number are not identified in this Assignment at the time of execution, we authorize the Assignee and its agents, legal representatives, successors and assigns, to insert such information into this Assignment and/or true and correct copies thereof at a later date.

In witness whereof, we have hereunto signed our names on the days and years set forth below.

\_\_\_\_\_  
Name: Emeric Grandjean  
Address: Quai Jeanrenaud 3  
Neuchatel, Switzerland 2000  
Citizenship: \_\_\_\_\_

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Irene Taurino  
Name: Irene Taurino  
Address: Quai Jeanrenaud 3  
Neuchatel, Switzerland 2000  
Citizenship: ITALIAN

19/11/2021  
Date

Onur DAIMOGLU  
Witness

David Kuchon  
Witness

Assignment

Application No. 17/276,613

Filing Date: March 16, 2021

For: AEROSOL GENERATING SYSTEM WITH SUBSTRATE ADVANCE

---

Name: Ihar Nikolaevich Zinovik

Date

Address: Quai Jeanrenaud 3

Neuchatel, Switzerland 2000

Citizenship: \_\_\_\_\_

Witness

Witness

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.:	17/276,613	Attorney Docket No.:	0642.002303US01
Confirmation No.:	7248	Customer No.:	26813
Filing Date:	March 16, 2021		
First Named Inventor:	Emeric Grandjean		
Title:	AEROSOL GENERATING SYSTEM WITH SUBSTRATE ADVANCE		

**DECLARATION NOTICING ASSIGNMENT BY OPERATION OF LAW**

We, *Stefan KAISER et Mikko GULRETT*, hereby declare:

1. We are *Senior General Patents* at Philip Morris Products, S.A.
2. We are basing my statements in this Declaration on the information and documents available in Philip Morris Products, S.A.'s records, and on the relevant provisions of Swiss law as explained below.
3. Mr. Igor Nikolaevich ZINOVIK was employed by Philip Morris Products, S.A. at the time of the invention at Philip Morris Products, S.A.'s facilities in Switzerland.
4. Mr. Igor Nikolaevich ZINOVIK is a co-inventor of the subject matter described and claimed in U.S. Patent Application No. 17/276,613 (the "U.S. application"), which is a U.S. national phase application of PCT/EP2020/076068 (the "PCT application").
5. Mr. Igor Nikolaevich ZINOVIK is no longer employed by Philip Morris Products, S.A., because Mr. Igor Nikolaevich ZINOVIK is deceased.
6. Mr. Igor Nikolaevich ZINOVIK conceived of, and contributed to, the invention of the subject matter described and claimed in the PCT application, and in the U.S. application, during his employment at Philip Morris Products, S.A. and utilizing Philip Morris Products, S.A.'s resources.

7. The subject matter described and claimed in the PCT application, and the U.S. application, is within the scope of the duties assigned to Mr. Igor Nikolaevich ZINOVIK as an employee of Philip Morris Products, S.A.

8. Under Swiss law, an employer is, by operation of Article 332(1) of the Swiss Code of Obligations, the owner of any invention that was created in fulfillment of a contract or work or employment relationship between the employer and the inventor. Swiss law does not require a separate employment agreement assigning the rights to such inventions. Those rights vest in the employer by operation of law.

9. Article 332(1) is reproduced below, and can be found at:

[https://www.fedlex.admin.ch/eli/cc/27/317\\_321\\_377/en#art\\_332](https://www.fedlex.admin.ch/eli/cc/27/317_321_377/en#art_332)

--Inventions and designs produced by the employee alone or in collaboration with others in the course of his work for the employer and in performance of his contractual obligations belong to the employer, whether or not they may be protected.--

10. Mr. Igor Nikolaevich ZINOVIK's inventive contributions to the subject matter described and claimed in the PCT application, and the U.S. application, as described above, are owned by Philip Morris Products, S.A., by operation of Swiss law.



11. We declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable under 18 U.S.C. § 1001 by fine or imprisonment, or both, and that such willful false statements may jeopardize the validity of this application or any patent issuing therefrom.

21 December 2021

Date

  
Signature **Stefan Kaiser**  
Senior Counsel, Patents  
Philip Morris Products S.A.

Printed Name

Title

  
**Mikkjal Gulkielt**  
Senior Counsel Patents  
Philip Morris Products S.A.