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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5085618

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| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the APPLICATION NUMBER OF APPLICATION previously recorded on Reel 044772 Frame 0744. Assignor(s) hereby confirms the VIA ASSIGNMENT DATED 12/15/2017 AND 01/09/2018. |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| IVAN PRESTIA | 12/15/2017 |
| DANIELE SANNA | 01/09/2018 |
| CHRISTIAN AGOSTINI | 01/09/2018 |
| RECEIVING PARTY DATA | |
| Name: | PHILIP MORRIS PRODUCTS S.A. |
| Street Address: | QUAI JEANRENAUD 3 |
| City: | NEUCHATEL |
| State/Country: | SWITZERLAND |
| Postal Code: | 2000 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15569220 |
| CORRESPONDENCE DATA | |
| Fax Number: | (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> | |
| Phone: | 6123051873 |
| Email: | dlagro@mrgiplaw.com |
| Correspondent Name: | BRIAN C. WHIPPS |
| Address Line 1: | 111 THIRD AVENUE SOUTH |
| Address Line 2: | SUITE 350 |
| Address Line 4: | MINNEAPOLIS, MINNESOTA 55401 |
| ATTORNEY DOCKET NUMBER: | 642.15150101 |
| NAME OF SUBMITTER: | BRIAN C. WHIPPS |
| SIGNATURE: | /BRIAN C. WHIPPS/ |
| DATE SIGNED: | 08/07/2018 |
| Total Attachments: 10 | |

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Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|---|-----------------------------|---------------|-----------------------------|----------------------------|-------------------|---------------|------------|-----------------------|-------------|---------------------|------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>IVAN PRESTIA</td> <td>12/15/2017</td> </tr> <tr> <td>DANIELE SANNA</td> <td>01/09/2018</td> </tr> <tr> <td>CHRISTIAN AGOSTINI</td> <td>01/09/2018</td> </tr> </tbody> </table> | | Name | Execution Date | IVAN PRESTIA | 12/15/2017 | DANIELE SANNA | 01/09/2018 | CHRISTIAN AGOSTINI | 01/09/2018 | | |
| Name | Execution Date | | | | | | | | | | |
| IVAN PRESTIA | 12/15/2017 | | | | | | | | | | |
| DANIELE SANNA | 01/09/2018 | | | | | | | | | | |
| CHRISTIAN AGOSTINI | 01/09/2018 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>PHILIP MORRIS PRODUCTS S.A.</td> </tr> <tr> <td>Street Address:</td> <td>QUAI JEANRENAUD 3</td> </tr> <tr> <td>City:</td> <td>NEUCHATEL</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>2000</td> </tr> </table> | | Name: | PHILIP MORRIS PRODUCTS S.A. | Street Address: | QUAI JEANRENAUD 3 | City: | NEUCHATEL | State/Country: | SWITZERLAND | Postal Code: | 2000 |
| Name: | PHILIP MORRIS PRODUCTS S.A. | | | | | | | | | | |
| Street Address: | QUAI JEANRENAUD 3 | | | | | | | | | | |
| City: | NEUCHATEL | | | | | | | | | | |
| State/Country: | SWITZERLAND | | | | | | | | | | |
| Postal Code: | 2000 | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>15569217</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 15569217 | | | | | | |
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| Application Number: | 15569217 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: (612)305-1228 Phone: 6123051873 Email: dlagro@mrgiplaw.com <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> Correspondent Name: BRIAN C. WHIPPS Address Line 1: 111 THIRD AVENUE SOUTH Address Line 2: SUITE 350 Address Line 4: MINNEAPOLIS, MINNESOTA 55401</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 642.15150101 | | | | | | | | | | |
| NAME OF SUBMITTER: | BRIAN C WHIPPS | | | | | | | | | | |
| Signature: | /brian c. whipps/ | | | | | | | | | | |
| Date: | 01/30/2018 | | | | | | | | | | |

Total Attachments: 6

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RECEIPT INFORMATION

EPAS ID: PAT4800810
Receipt Date: 01/30/2018

ASSIGNMENT

Whereas We, **Ivan Prestia, Daniele Sanna and Christian Agostini**, with residences and citizenships as indicated below; have made an invention in

METHOD FOR MANUFACTURING INDUCTIVELY HEATABLE TOBACCO PRODUCTS

Filed: October 25, 2017

U.S. Application Serial No.: 15/569,220

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: May 19, 2016

Serial No.: PCT/EP2016/061172

Filed: May 21, 2015

European Application No.: 15168557.5

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. 15/569,220

Filing Date: October 25, 2017

For: METHOD FOR MANUFACTURING INDUCTIVELY HEATABLE TOBACCO PRODUCTS

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.

Ivan Prestia

Name: Ivan Prestia
Address: Via Stelloni Levante 26/6
40012 Longara di Calderara di Reno, Italy
Citizenship: Italy

[Signature]

Witness

[Signature]

Witness

Name: Daniele Sanna
Address: Chemin de l'Ouchette 4
2074 Marin-Epagnier, Switzerland
Citizenship: Italy

Witness

Witness

15/12/2017

Date

15/12/2017

NAME: MASSIMILIANO BERTOLDO
ADDRESS: VIA CAPELLU TORRES 10
40013 CASEL MAGGIORE, ITALY
CITIZENSHIP: ITALY

15/12/2017

NAME: SILVIA CARO
ADDRESS: VIA FUSCALDO 11, 00173 ROMA
CITIZENSHIP: ITALY.

Date

Assignment

Application No. 15/569,220

Filing Date: October 25, 2017

*For: METHOD FOR MANUFACTURING INDUCTIVELY HEATABLE TOBACCO
PRODUCTS*

Name: Christian Agostini
Address: Via Tiarini 14
40127 Bologna, Italy
Citizenship: Italy

Date

Witness

Witness

ASSIGNMENT

Whereas We, **Ivan Prestia, Daniele Sanna and Christian Agostini**, with residences and citizenships as indicated below; have made an invention in

**METHOD FOR MANUFACTURING INDUCTIVELY
HEATABLE TOBACCO PRODUCTS**

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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.

Application No. 15/569,220

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

Name: Ivan Prestia
Address: Via Stelloni Levante 26/6
40012 Longara di Calderara di Reno, Italy
Citizenship: Italy

Date

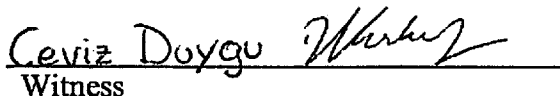
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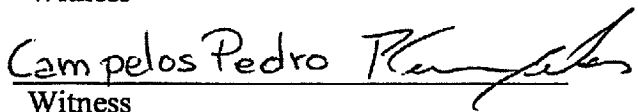


Name: Daniele Sanna
Address: Chemin de l'Ouchette 4
2074 Marin-Epagnier, Switzerland
Citizenship: Italy

09/01/2018
Date



Witness



Witness

Assignment

Application No. 15/569,220

Filing Date: October 25, 2017

For: METHOD FOR MANUFACTURING INDUCTIVELY HEATABLE TOBACCO PRODUCTS

Christian Agostini

09/01/2018

Name: Christian Agostini
Address: Via Tiarini 14
40127 Bologna, Italy
Citizenship: Italy

Date

Massimiliano Bertoldo
Witness

GENNARO CAMPITELLI
Witness

Massimiliano Bertoldo
NAME: MASSIMILIANO BERTOLDO
ADDRESS: VIA CARLO TORRES 10
40013 CASEL MAGGIORE (BO)
CITIZENSHIP: ITALY

Compitelli Gennaro

NAME: GENNARO CAMPITELLI
ADDRESS: VIA SARAGOZZA N°44
40123 BOLOGNA (IT)
CITIZENSHIP: ITALIAN