504936917 05/30/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4983663

| SUBMISSION TYPE: | | | NEW ASSIGNMENT | |
|---|---------------------------------------|--|--|----------------|
| NATURE OF CONVEYA | ANCE: | | ASSIGNMENT | |
| CONVEYING PARTY | ΟΑΤΑ | • | | |
| | | | Name | Execution Date |
| MEGAN E. RENNER | | | | 05/29/2018 |
| MARK W. BALDWIN | | | | 05/29/2018 |
| KYLE C. BRYSON | | | | 05/29/2018 |
| RECEIVING PARTY D | ΑΤΑ | | | |
| Name: | | ovativ | e Properties Company | |
| Street Address: | P.O. B | ox 334 | 427 | |
| City: | St. Pau | ıl | | |
| State/Country: | MINNE | MINNESOTA | | |
| Postal Code: | 55133- | 55133-3427 | | |
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| | 5 I Otal: I | | | |
| PROPERTY NUMBER | | | Number | |
| Property Type Application Number: | | 29649 | Number 9484 | |
| Property Type Application Number: |) | 29649 | | |
| Property Type Application Number: CORRESPONDENCE | e DATA | | 9484 | |
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| Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will a</i> <i>using a fax number, it</i> Phone: Email: | DATA be sent to f provideo | (651); 5 the e d; if th 651-7 hhfroe 3M IN | 736-3833 e-mail address first; if that is unsu fat is unsuccessful, it will be sent 33-1500 elke1@mmm.com | via US Mail. |
| Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name | DATA be sent to f provideo | (651) 5 <i>the e</i> <i>d; if th</i> 651-7 hhfroe 3M IN P.O. F | 736-3833 <i>e-mail address first; if that is unsu</i> <i>pat is unsuccessful, it will be sent</i> 33-1500 elke1@mmm.com INOVATIVE PROPERTIES COMPA | via US Mail. |
| Property Type Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will a</i> <i>using a fax number, it</i> Phone: Email: Correspondent Name Address Line 1: | e DATA be sent to f provideo | (651); 5 <i>the e</i> <i>d; if th</i> 651-7 hhfroe 3M IN P.O. E ST. P | 736-3833 <i>e-mail address first; if that is unsu</i> <i>tot is unsuccessful, it will be sent</i> 33-1500 elke1@mmm.com INOVATIVE PROPERTIES COMPA 3OX 33427 | via US Mail. |

/Hylis H. Froelke/

05/30/2018

SIGNATURE:

DATE SIGNED:

Total Attachments: 3

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| DECLARATION AND ASSIGNMENT, |
|------------------------------------|
| FOR UTILITY OR DESIGN |
| PATENT APPLICATION (37 CFR § 1.63) |

Case No:

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

CLEANING TOOL

The specification of which:

is attached hereto;

| was filed onas United States Application No. | [] |
|--|--------|
| is identified as PCT International Application No. | [] |

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the 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 the 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 with 3M COMPANY and any of its existing or future subsidiaries), 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 the 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 said 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 which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

| Legal Name of Inventor. Megan E. RENNER | |
|--|---------------|
| Inventor's Signature: Megun MMM | Date: 5/29/18 |

PATENT REEL: 045937 FRAME: 0888

| DECLARATION AND ASSIGNMENT, | |
|-----------------------------------|---|
| FOR UTILITY OR DESIGN | |
| PATENT APPLICATION (37 CFR § 1.63 | } |

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled:

| | CLEANING TOOL | |
|---|---------------|--|
| The specification of which: | | |
| was filed on as United States Application | No. | |
| is identified as PCT Internation | | |

The above-identified application was made or authorized to be made by me.

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In addition, for good and valuable consideration, receipt of which is acknowledged, I have agreed to assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPANY, a wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint Paul, Minnesota, its successors and assigns, the entire right, title, and interest in and to the 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 the 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 with 3M COMPANY and any of its existing or future subsidiaries), 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 the 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 said 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 which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

| Legal Name of Inventor: | |
|-------------------------|-----------------------|
| Mark W. BALDWIN | |
| Inventor's Signature | Date: MAY 29, 2018 |

PATENT REEL: 045937 FRAME: 0889

| DECLARATION AND ASSIGNMENT, |
|------------------------------------|
| FOR UTILITY OR DESIGN |
| PATENT APPLICATION (37 CFR § 1.63) |

Case No:

As a below named inventor, I believe I am an original inventor or an original joint inventor of a claimed invention in the application and for which a patent is sought on the invention entitled.

CLEANING TOOL

| Lunn | | |
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| The | specification of which: | |
| \boxtimes | is attached hereto; | |
| | was filed onas United States Application No. | |
| | is identified as PCT International Application No. | |

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

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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 said 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 which may be granted upon any of the said applications, to said 3M Innovative Properties Company, as the assignee of the entire right, title, and interest therein.

| Date: 2018-05-29 |
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RECORDED: 05/30/2018