## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8002917

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

#### **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| FLORIAN T. GRIMM   | 04/20/2023     |
| WERNER KAUFENSTEIN | 06/02/2023     |
| VOLKER PETERHANSL  | 06/13/2023     |
| ROMAN RUDOLPH      | 05/03/2023     |

#### **RECEIVING PARTY DATA**

| Name:           | 3M INNOVATIVE PROPERTIES COMPANY |  |
|-----------------|----------------------------------|--|
| Street Address: | P.O. BOX 33427                   |  |
| City:           | ST. PAUL                         |  |
| State/Country:  | MINNESOTA                        |  |
| Postal Code:    | 55133-3427                       |  |

#### **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 18257120 |

#### **CORRESPONDENCE DATA**

**Fax Number:** (651)736-3833

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:** 6516501188

**Email:** jlanderson6@mmm.com

Correspondent Name: 3M INNOVATIVE PROPERTIES COMPANY

Address Line 1: P.O. BOX 33427

Address Line 4: ST. PAUL, MINNESOTA 55133-3427

| ATTORNEY DOCKET NUMBER: | PA83462US05  |  |
|-------------------------|--|--|
| NAME OF SUBMITTER:      | JAMIE L. ANDERSON  |  |
| SIGNATURE:              | /Jamie L. Anderson/  |  |
| DATE SIGNED:            | 06/13/2023   |  |
|                         | This document serves as an Oath/Declaration (37 CFR 1.63). |  |

**Total Attachments: 4** 

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PATENT REEL: 063929 FRAME: 0089

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> PATENT REEL: 063929 FRAME: 0090

DocuSigned by:

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

Case No:

83462WO003

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:

# PROCESS FOR MAKING A CONNECTING ELEMENT FOR THE FRICTION-INCREASING CONNECTION OF COMPONENTS, AND USE OF A CONNECTING ELEMENT

| CONNECT  | TION OF COMPONENTS, ANI  | D USE OF A  | A CONNECTING ELEMENT   |
|--|--|---|--|
| The specification of wh  | ich:   |   |  |
| is attached hereto   | y;   |   |  |
| was filed on as United States  | Application No.  |   |  |
| is identified as PC filed on   | T International Application No.  20 Dec 2021   |   | IB2021/062053  |
| The above-identified ap  | oplication was made or authorized to   | be made by n  | ne.  |
|  | that any willful false statement made<br>not more than 5 years, or both.   | in this declara   | tion is punishable under 18 U.S.C. 1001 by   |
| and do hereby assign a 3M COMPANY, and a assigns, the entire righ continuation (in whole oby me or made jointly of termination of, my empall Letters Patent, reexthereto (including the right own name and to claim international convention continuation (in whole opart upon the said inve | and transfer unto the 3M INNOVATIVe corporation of Delaware, having its pet, title, and interest in and to the said or in part) of said application, and in with others (provided any such improvaloyment with 3M COMPANY and any aminations, reissues, or extensions tight to apply for Letters Patent, Utility any priority rights for such foreign ans, treaties, or otherwise), which havor in part), renewal, reexamination, re | VE PROPERTION PROPERTION PROPERTION PROPERTION AND | wledged, I have agreed to assign and transfer ES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or d all improvements in the said invention made de during, or within one year after the g or future subsidiaries), and in and to any and United States of America and countries foreign ventors' Certificates in foreign countries in its which such applications are entitled under to be granted thereon or on any divisional, er or further application based in whole or in byed as fully and exclusively as they would |
| consideration any furth<br>that may be deemed no   | er applications, assignments, and do<br>ecessary by said Company, its succe  | ocuments, and<br>essors, assigns  | ors, to execute and deliver without further to perform such other acts as I lawfully may, s, and nominees, fully to secure its right, title, Models, or Inventors' Certificates in any and all   |
|  | e said applications, to said 3M Innov  |   | any and all Letters Patent which may be es Company, as the assignee of the entire right,   |
| Legal Name of Invent   | or:  |   |  |
| Florian T. Grimm   |  |   |  |
| Inventor's Signature:  |  | Date:   |  |

PATENT REEL: 063929 FRAME: 0091

4/20/2023

Inventor's Signature:

-DocuSigned by:

3D8AE3EBBC35450.

Werner kaufenstein

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

Case No:

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| CONNECTION OF COMPONENTS, AND USE OF  | A CONNECTING ELEMENT  |
|---|---|
| The specification of which:   |   |
| is attached hereto;   |   |
| was filed on as United States Application No.   |   |
| is identified as PCT International Application No. filed on 20 Dec 2021   | IB2021/062053   |
| The above-identified application was made or authorized to be made by   | me.   |
| I hereby acknowledge that any willful false statement made in this declar fine or imprisonment of not more than 5 years, or both.   | ration is punishable under 18 U.S.C. 1001 by  |
| In addition, for good and valuable consideration, receipt of which is acknown and do hereby assign and transfer unto the 3M INNOVATIVE PROPERT 3M COMPANY, and a corporation of Delaware, having its principal office assigns, the entire right, title, and interest in and to the said invention and continuation (in whole or in part) of said application, and in and to any and by me or made jointly with others (provided any such improvement is matermination of, my employment with 3M COMPANY and any of its existin all Letters Patent, reexaminations, reissues, or extensions thereof, of the thereto (including the right to apply for Letters Patent, Utility Models, or Irrown name and to claim any priority rights for such foreign applications to international conventions, treaties, or otherwise), which have been or macontinuation (in whole or in part), renewal, reexamination, reissue, or oth part upon the said invention or improvements thereon, to be held and enhave been by me had this assignment and transfer not been made; | TIES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and d application, and in and to any division or and all improvements in the said invention made ade during, or within one year after the ag or future subsidiaries), and in and to any and a United States of America and countries foreign enventors' Certificates in foreign countries in its owhich such applications are entitled under any be granted thereon or on any divisional, her or further application based in whole or in |
| I do further agree for myself and for my heirs, executors, and administrat consideration any further applications, assignments, and documents, and that may be deemed necessary by said Company, its successors, assign and interest as aforesaid and to obtain or maintain Letters Patent, Utility countries; and  | d to perform such other acts as I lawfully may, ns, and nominees, fully to secure its right, title,   |
| I do hereby authorize and request the Commissioner of Patents to issue granted upon any of the said applications, to said 3M Innovative Properti title, and interest therein.   |   |
| Legal Name of Inventor:   |   |
| Werner Kaufenstein  |   |

Date:

6/2/2023

PATENT REEL: 063929 FRAME: 0092

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

Case No:

83462WO003

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| The specification of which:   |   |
| is attached hereto;   |   |
| was filed on as United States Application No.   |   |
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| The above-identified application was made or authorized to  | be made by me.  |
| I hereby acknowledge that any willful false statement made fine or imprisonment of not more than 5 years, or both.  | in this declaration is punishable under 18 U.S.C. 1001 by   |
| and do hereby assign and transfer unto the 3M INNOVATIVESM COMPANY, and a corporation of Delaware, having its passigns, the entire right, title, and interest in and to the said continuation (in whole or in part) of said application, and in a by me or made jointly with others (provided any such improtermination of, my employment with 3M COMPANY and any | invention and application, and in and to any division or and to any and all improvements in the said invention made vement is made during, or within one year after the y of its existing or future subsidiaries), and in and to any and thereof, of the United States of America and countries foreign Models, or Inventors' Certificates in foreign countries in its applications to which such applications are entitled under the been or may be granted thereon or on any divisional, eissue, or other or further application based in whole or in the held and enjoyed as fully and exclusively as they would |
| I do further agree for myself and for my heirs, executors, an consideration any further applications, assignments, and do that may be deemed necessary by said Company, its succeand interest as aforesaid and to obtain or maintain Letters Fountries; and   | ocuments, and to perform such other acts as I lawfully may,   |
| I do hereby authorize and request the Commissioner of Pat<br>granted upon any of the said applications, to said 3M Innov-<br>title, and interest therein.   | ents to issue any and all Letters Patent which may be ative Properties Company, as the assignee of the entire right,  |
| Legal Name of Inventor:   |   |
| Volker Peterhansl   |   |
| Inventor's Signature:   | Date:   |
| DocuSigned by:  | 6/13/2023   |
| Volker Peterhansl   | 0/ 13/ 2023   |

PATENT REEL: 063929 FRAME: 0093

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

Case No:

83462WO003

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| CONNECTION  | ON OF COMPONENTS, AND  | D USE OF A   | CONNECTING ELEMENT  |
|---|--|--|---|
| The specification of which  | h:   |  |   |
| is attached hereto;   |  |  |   |
| was filed on as United States Ap  | plication No.  |  |   |
|   | International Application No.<br>20 Dec 2021   |  | IB2021/062053   |
| The above-identified app  | lication was made or authorized to   | be made by n   | ne.   |
|   | at any willful false statement made<br>ot more than 5 years, or both.  | in this declara  | tion is punishable under 18 U.S.C. 1001 by  |
| and do hereby assign and 3M COMPANY, and a co-<br>assigns, the entire right, to continuation (in whole or by me or made jointly wit termination of, my employall Letters Patent, reexand thereto (including the right own name and to claim a international conventions continuation (in whole or part upon the said invent | d transfer unto the 3M INNOVATIVE proporation of Delaware, having its patitle, and interest in and to the said in part) of said application, and in the others (provided any such improyment with 3M COMPANY and any ninations, reissues, or extensions that to apply for Letters Patent, Utility any priority rights for such foreign as treaties, or otherwise), which have in part), renewal, reexamination, re | VE PROPERTION PROPERTI | wledged, I have agreed to assign and transfer ES COMPANY, a wholly-owned subsidiary of at Saint Paul, Minnesota, its successors and application, and in and to any division or all improvements in the said invention made le during, or within one year after the programmer or future subsidiaries), and in and to any an United States of America and countries foreign ventors' Certificates in foreign countries in its which such applications are entitled under the programmer of the granted thereon or on any divisional, are or further application based in whole or in byed as fully and exclusively as they would |
| consideration any further<br>that may be deemed nec   | applications, assignments, and doessary by said Company, its succe   | ocuments, and<br>essors, assigns   | rs, to execute and deliver without further to perform such other acts as I lawfully may, and nominees, fully to secure its right, title, flodels, or Inventors' Certificates in any and a   |
|   | said applications, to said 3M Innov  |  | any and all Letters Patent which may be as Company, as the assignee of the entire rig   |
| Legal Name of Inventor  | ,  |  |   |
| Roman Rudolph   |  |  |   |
| Inventor's Signature:   |  | Date:  |   |
| DocuSigned by:  |  | Dale.  |   |
| Docusigned by:  |  |  | 5/3/2023  |

PATENT REEL: 063929 FRAME: 0094

**RECORDED: 06/13/2023** 

Roman Rudolph