| | | | Case No.: 61055US002 | |
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| REC | CORDATION FO | | | |
| To: The Director of the U.S. Patent and | Trademark Office: | | | |
| Please record the attached document(s) | or the new address(| es) below | <i>r</i> . | |
| Name of conveying party(les) | Execution Date(s): | ed a Moldon con communica | 2. Name and address of receiving party(les): | |
| MOORE, George G. I. LAMANNA, William M. TERRAZAS, Michael S. DAMS, Rudolf J. DE WITTE, Johan E. | November 14, 2005 November 7, 2005 November 11, 2005 October 10, 2005 October 10, 2005 | | 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427 Additional name(s) of receiving party(ies) attached? | |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No | | | ☐ Yes ☒ No | |
| | erger ange of Name | | | |
| 4. Application or patent number(s) | This do | cument | is being filed together with a new application. | |
| A. Patent Application No(s). B. P. | | B. Pa | Patent No(s). | |
| 11/215077 | | | | |
| Ad | lditional Numbers Atta | ched? |]Yes ⊠ No | |
| Name and address to whom correspondence concerning document should be mailed: Name: Kent S. Kokko Office of Intellectual Property Counsel 3M Innovative Properties Company Phone Number: 651-733-3597 Fax Number: 651-736-3833 32692 Customer Number | | 6. Total number of applications and patents involved: | | |
| | | | | |
| | | 7. Total fee (37 CFR §§ 1.21(h) & 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Payment Information: | | |
| | | | | |
| | | Autho | rized User Name: Kent S. Kokko | |
| 9. Signature: Printed Name of Attorney/Agent: Kent S. Kokko Registration No.: 33,931 Pages: Total number of pages including Co | ignature SHEET attack | 1// | November 14, 2005 | |
| The state of the s | | | d documents 5 | |

Mall Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

| COMPOSITIONS OF FLUOROCHEMICAL SURFACTANTS | |
|--|---------------|
| for which an application for a United States Patent is being filed contemporaneously herewith; for which an application for a United States Patent identified as U.S. Patent Application No. 11/215077; was filed August 30, 2005; which application is identified as PCT International Patent Application No. filed; | on |
| Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we have agree assign and transfer and do hereby assign and transfer unto the 3M INNOVATIVE PROPERTIES COMPAN' wholly-owned subsidiary of 3M COMPANY, and a corporation of Delaware, having its principal office at Saint F Minnesota, its successors and assigns, the entire right, title, and interest in and to the said invention and applicate. | γ, a 'aul, |

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/us had this assignment and transfer not been made;

I/We do further agree for myself/ourselves and for my/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 I/we 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/We 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.

In witness whereof, I/we have signed my/our name(s) on the day and year set forth below.

| Given Name (first and middle [if any]): George G. I. | Family Name or Surna MOORE | ame: |
|---|-------------------------------|--|
| Inventor's Signature: ### ### ############################ | Date: // - / - / | -05 |
| Residence: Afton, Minnesota | Country: USA | Citizenship: United States of America |
| Hy 113 H. Fracke | Witness | m Cahill |

Assignment Page 1 of 2 Case No.: 61055US002

| Given Name (first and middle [if any]): William M. | Family Name or Surname: LAMANNA | , <u>, , , , , , , , , , , , , , , , , , </u> |
|---|-------------------------------------|--|
| Inventor's Signature: | Date: | |
| Residence: | 11/7/05 Country: | Citizenship: |
| Stillwater, Minnesota | USA | United States of America |
| Phyllis J. Boetteher | Witness In Dutes | |
| Chan blane (flat and middle (Co.)) | (| |
| Given Name (first and middle [if any]): Michael S. | Family Name or Surname: TERRAZAS | |
| Inventor's Signature: | Date: | 7 No. 10 |
| Residence: Prescott, Wisconsin | Country: USA | Citizenship: United States of America |
| Dan al Constean | Hy 13 H. 4 | melke_ |
| Given Name (first and middle [if any]): | Family Name or Surname: | A Maria Constant Cons |
| _ | DAMS | T TOTAL AND |
| Inventor's Signature: | Date: 10 october 200 | 5 |
| Residence: Antwerp, Belgium | Country: BELGIUM | Cittzenship: Belgium |
| Antalla VANOVA CLAST BURENT | - Ocal | T South La |
| Witness VANOR CLAT PORCO | | 1 SHET |
| 10/10/-5 | | 10/1010S |
| Given Name (first and middle [if any]): Johan E. | Family Name or Surname: DE WITTE | |
| Inventor's Signature: | Date: | 177074 |
| Residence: Westmalle, Belgium | Country: BELGIUM | Citizenship: Belgium |
| | | PolAidi!! |
| VAlterage | A | |
| Witness | Witness | |

Assignment

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PATENT REEL: 017017 FRAME: 0121

Case No.: 61055US002

ASSIGNMENT OF APPLICATION

Whereas I/we, the below named inventor(s), with residence and citizenship as indicated below, have made an invention in

| nvention in |
|---|
| COMPOSITIONS OF FLUOROCHEMICAL SURFACTANTS |
| for which an application for a United States Patent is being filed contemporaneously herewith; ✓ for which an application for a United States Patent identified as U.S. Patent Application No. 11/215077; was filed on August 30, 2005; which application is identified as PCT International Patent Application No. filed; |
| Now, therefore, for good and valuable consideration, receipt of which is acknowledged, I/we 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 subsidiarles), 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 extensions thereof, or the United States of America and 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/us had this assignment and transfer not been made; I/We do further agree for myself/ourselves and for my/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 I/we 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/We 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. In witness whereof, I/we have signed my/our name(s) on the day and year set forth below. |
| |

| Given Name (first and middle [if any]): | Family Name or Surname: | | |
|---|-------------------------|--------------------------|--|
| George G. I. | MOORE | | |
| Inventor's Signature: | Date: | | |
| Residence: | Country: | Citizenship: | |
| Afton, Minnesota | USA | United States of America | |
| Witness | Witness | | |

Case No.: «CaseNumber»

| Given Name (first and middle [if any]): Wijllam M. | Family Name or Surname: LAMANNA | | |
|---|-------------------------------------|--|--|
| Inventor's Signature: | Date: | | |
| Residence: Stillwater, Minnesota | Country: USA | Citizenship: United States of America | |
| Witness | Witness | A JAMES AND STORY | |
| Given Name (first and middle [if any]): Michael S. | Family Name or Surname: TERRAZAS | | |
| Inventor's Signature: | Date: | | |
| Residence: Prescott, Wisconsin | Country: USA | Citizenship: United States of America | |
| Witness | Witness | | |
| Given Name (first and middle [if any]): Rudolf J. | Family Name or Surname: DAMS | | |
| Inventor's Signature: | Date: | | |
| Residence: Antwerp, Belgium | Country: BELGIUM | Citizenship: Belgium | |
| Witness | Witness | | |
| Given Name (first and middle [if any]): Johan E. | Family Name or Surname: DE WITTE | | |
| Inventor's Signature: | Date: October 1 | lo, 2005 | |
| Residence: Westmalle, Belgium | Country: BELGIUM | Citizenship: Belgium | |
| Wilness W. A. D. M. 13 H. O. T. O. T. C. L. M. | Luseu | Lo | |
| WILLIAM HARAKSIM | MIROSLA | VA KUSENSOW' | |

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Case No.: «CaseNumber»

PATENT REEL: 017017 FRAME: 0123