### 06/21/2019 505537041

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5583838

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

### **CONVEYING PARTY DATA**

| Name               | Execution Date |
|--------------------|----------------|
| YUTA HIOKI         | 05/16/2019     |
| YOSHIKAZU KANAMORI | 05/20/2019     |
| KAZUNAO KUSANO     | 05/17/2019     |
| KAZUKI WAKABAYASHI | 05/20/2019     |
| RYO YAMASHITA      | 05/17/2019     |
| TAKAYUKI YAMANAKA  | 05/17/2019     |

### **RECEIVING PARTY DATA**

| Name:           | MITSUBISHI CHEMICAL CORPORATION |
|-----------------|---------------------------------|
| Street Address: | 1-1, MARUNOUCHI 1-CHOME         |
| City:           | CHIYODA-KU, TOKYO               |
| State/Country:  | JAPAN                           |
| Postal Code:    | 100-8251                        |

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

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16448007 |

### **CORRESPONDENCE DATA**

Fax Number: (703)413-2220

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: (703) 413-3000 AAdams@oblon.com Email: OBLON, ET AL. **Correspondent Name:** Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 523422US                                                   |
|-------------------------|------------------------------------------------------------|
| NAME OF SUBMITTER:      | ARIELLE ADAMS                                              |
| SIGNATURE:              | /ARIELLE ADAMS/                                            |
| DATE SIGNED:            | 06/21/2019                                                 |
|                         | This document serves as an Oath/Declaration (37 CFR 1.63). |

**PATENT** REEL: 049545 FRAME: 0581

505537041

# Total Attachments: 6 source=523422USASN#page1.tif source=523422USASN#page2.tif source=523422USASN#page3.tif source=523422USASN#page4.tif source=523422USASN#page5.tif source=523422USASN#page6.tif

| Invention                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | POLYCARBONATE POLYOL AND POLYURETHANE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| As the below name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | d inventor, I hereby declare that:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| This declaration [                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | The attached application, or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| is directed to:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | United States application or PCT international application number filed on                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| The above-identifie                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ed application was made or authorized to be made by me.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| I believe that I am t                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | the original inventor or an original joint inventor of a claimed invention in the application.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| (hereinafter referre<br>Tokyo 100-8251 Ja                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | rsubishi chemical corporation  id to as "Assignee") having places of business at: 1-1, Marunouchi 1-chome. Chiyoda-ku,  upan, is desirous of acquiring the entire right, title and interest in and to said invention and in and  nt that may be granted therefore in the United States and its territorial possessions and in any and  s;                                                                                                                                                                                                                                                                                                                                                                                     |
| acknowledged, and<br>said ASSIGNEE, thand in all foreign cother relevant Inter-<br>interest in and to a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial and any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof. |
| any and all foreign<br>assignee of my ent<br>(his) successors an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.                                                                                                                                                                                                                                            |
| Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| by fine or imprison                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| LEGAL NAME O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Inventor: Yuta H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 10KI Date: 05/16/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yuta Hoki                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

| Title of<br>Invention                                                                                         | POLYCARBONATE POLYOL AND POLYURETHANE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| As the below name                                                                                             | d inventor, I hereby declare that:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| This declaration 🗵                                                                                            | The attached application, or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| is directed to:                                                                                               | United States application or PCT international application number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| The above-identifie                                                                                           | ed application was made or authorized to be made by me.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| I believe that I am                                                                                           | the original inventor or an original joint inventor of a claimed invention in the application.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| (hereinafter referre<br>Tokyo 100-8251 Ja                                                                     | ISUBISHI CHEMICAL CORPORATION of to as "ASSIGNEE") having places of business at: 1-1, Marunouchi 1-chome, Chiyoda-ku, apan, is desirous of acquiring the entire right, title and interest in and to said invention and in and not that may be granted therefore in the United States and its territorial possessions and in any and ss;                                                                                                                                                                                                                                                                                                                                                                                            |
| acknowledged, and<br>said ASSIGNEE, t<br>and in all foreign o<br>other relevant Inter<br>interest in and to a | FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby if for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and rnational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial and any and all foreign countries and in and to any and all divisions, reissues, continuations, enewals thereof. |
| any and all foreign<br>assignee of my ent<br>(his) successors an                                              | ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the cire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its id assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made.                                                                                                                                                                                                                                               |
| respecting said in<br>continuation, substall of said Letters<br>possible to aid sai                           | that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me evention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, titute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything d ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said nited States and its territorial possessions and in any and all foreign countries.                                                                                                                                                        |
| I hereby acknow<br>by fine or imprisor                                                                        | wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| LEGAL NAME O                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Inventor: Yoshik                                                                                              | 20 KANAMORI Date: 05/20/20/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Signature:                                                                                                    | Youldbarn, Konamori                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

| Title of POLYCARBONATE POLYOL AND POLYURETHANE Invention                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| As the below named inventor, I hereby declare that:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| This declaration 🔀 The attached application, or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| is directed to: United States application or PCT international application number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| The above-identified application was made or authorized to be made by me.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| WHEREAS, MITSUBISHI CHEMICAL CORPORATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| (hereinafter referred to as "ASSIGNEE") having places of business at: <a href="I-1">I-1</a> , <a href="Marunouchi 1-chome">Marunouchi 1-chome</a> , <a href="Chiyoda-ku">Chiyoda-ku</a> , <a href="Tokyo 100-8251 Japan">Tokyo 100-8251 Japan</a> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;                                                                                                                                                                                                                                                                                                                                                                  |
| NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof. |
| I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.                                                                                                                                                                                                                                                                                           |
| Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.                                                                                                                                                                              |
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| LEGAL NAME OF INVENTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Inventor: Kazunao KUSANO Date: 05/17/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Signature: Kazynao KUSANO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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| Title of<br>Invention                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | POLYCARBONATE POLYOL AND POLYURETHANE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| As the below name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | d inventor, I hereby declare that;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| This declaration 🗵                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | The attached application, or                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| is directed to:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | United States application or PCT international application number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
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| I believe that I am I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| WHEREAS, MITSUBISHI CHEMICAL CORPORATION  (hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8251 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
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| any and all foreign<br>assignce of my ent<br>(his) successors an                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its id assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made.                                                                                                                                                                                                                                           |  |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | vledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 iment of not more than five (5) years, or both.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |
| LEGAL NAME O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | WAKABAYASHI Date: 05/20/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| Signature: Ka                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | zuki WAKABAYASHI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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| Title of POLYCARBONATE POLYOL AND POLYURETHANE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Invention Invention                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| As the below named inventor, I hereby declare that:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| WHEREAS, MITSUBISHI CHEMICAL CORPORATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| LEGAL NAME OF INVENTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Inventor: Ryo YAMASHITA Date: 05/17/2019                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Signature: Azo Jamashita                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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| Invention                                                                                                                                                                                                                                                                                                                                                                                                                   | POLYCARBONATE POLYOL AND POLYURETHANE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| As the below name                                                                                                                                                                                                                                                                                                                                                                                                           | d inventor, I hereby declare that:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| I believe that I am t                                                                                                                                                                                                                                                                                                                                                                                                       | the original inventor or an original joint inventor of a claimed invention in the application.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| WHEREAS, MITSUBISHI CHEMICAL CORPORATION  (hereinafter referred to as "ASSIGNEE") having places of business at: 1-1, Marunouchi 1-chome. Chiyoda-ku, Tokyo 100-8251 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries; |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| acknowledged, and<br>said ASSIGNEE, the<br>and in all foreign cother relevant Inter-<br>interest in and to a                                                                                                                                                                                                                                                                                                                | FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby if for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and mational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, mewals thereof. |
| any and all foreign<br>assignee of my ent<br>(his) successors an                                                                                                                                                                                                                                                                                                                                                            | ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the ire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.                                                                                                                                                                                                                                          |
| respecting said in<br>continuation, subst<br>all of said Letters<br>possible to aid said                                                                                                                                                                                                                                                                                                                                    | that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything d ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.                                                                                                                                                    |
| I hereby acknow<br>by fine or imprison                                                                                                                                                                                                                                                                                                                                                                                      | vledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 iment of not more than five (5) years, or both.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEGAL NAME OF                                                                                                                                                                                                                                                                                                                                                                                                               | FINVENTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Inventor: Takayu                                                                                                                                                                                                                                                                                                                                                                                                            | ki YAMANAKA Date: 05/17/20/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Signature: Ta                                                                                                                                                                                                                                                                                                                                                                                                               | kayuki Yamanaka                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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