506425463 12/29/2020

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| TADAHITO FUKUHARA | 11/30/2020 |
| YOKO NAKANO | 11/30/2020 |
| MASATO NAKAMAE | 11/30/2020 |

RECEIVING PARTY DATA

| Name: | KURARAY CO., LTD. |
|-----------------|------------------------|
| Street Address: | 1621, SAKAZU |
| City: | KURASHIKI-SHI, OKAYAMA |
| State/Country: | JAPAN |
| Postal Code: | 710-0801 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17256843 |

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (703) 413-3000
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Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 534276US |
|-------------------------|---------------|
| NAME OF SUBMITTER: | CASEY MORAN |
| SIGNATURE: | /Casey Moran/ |
| DATE SIGNED: | 12/29/2020 |

Total Attachments: 3

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PATENT 506425463 REEL: 054767 FRAME: 0377

Attorney Docket Number:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Invention | MODIFIED VINYL ALCOHOL POLYMER, METHOD FOR PRODUCING SAME, DISPERSION STABILIZER FOR SUSPENSION POLYMERIZATION, |
|--|---|
| | AND METHOD FOR PRODUCING VINYL POLYMER |
| 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 PCT/JP2019/026597 filed on July 4, 2019 |
| The above-identifie | ed application was made or authorized to be made by me. |
| I believe that I am t | he original inventor or an original joint inventor of a claimed invention in the application. |
| 0801 Japan, is desir | RARAY CO., LTD. If to as "ASSIGNEE") having places of business at: 1621, Sakazu, Kurashiki-shi, Okayama 710-rous of acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign |
| acknowledged, and ASSIGNEE, the ful all foreign countries relevant Internation in and to any and all | 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 said II and exclusive right to the said invention in the United States and its territorial possessions and in s (including the right to claim priority under the terms of the International Convention and other al Treaties and Arrangements from the aforesaid application) and the entire right, title and interest II Letters Patent which may be granted therefor in the United States and its territorial possessions foreign countries and in and to any and all divisions, reissues, continuations, substitutions and |
| and all foreign cour of my entire right, successors and assign | ze and request the Patent Office Officials in the United States and its territorial possessions and any atries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) gns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely 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. | |
| | ledge 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 OF | INVENTOR |
| Inventor: Tadahit | o FUKUHARA Date: No Vember, 30, 2020 |
| Signatura: Tad | hito Fukuhara |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 054767 FRAME: 0378

Attorney Docket Number:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| Title of Invention | MODIFIED VINYL ALCOHOL POLYMER, METHOD FOR PRODUCING SAME, DISPERSION STABILIZER FOR SUSPENSION POLYMERIZATION, AND METHOD FOR PRODUCING VINYL POLYMER |
|--|---|
| 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 PCT/JP2019/026597 filed on July 4, 2019 |
| The above-identifie | d application was made or authorized to be made by me. |
| I believe that I am t | he original inventor or an original joint inventor of a claimed invention in the application. |
| (hereinafter referred 0801 Japan, is desired) | RARAY CO., LTD. It to as "ASSIGNEE") having places of business at: 1621, Sakazu, Kurashiki-shi, Okayama 710-rous of acquiring the entire right, title and interest in and to said invention and in and to any Letters granted therefore in the United States and its territorial possessions and in any and all foreign |
| acknowledged, and ASSIGNEE, the ful all foreign countries relevant Internation in and to any and all | 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 said I and exclusive right to the said invention in the United States and its territorial possessions and in its (including the right to claim priority under the terms of the International Convention and other all Treaties and Arrangements from the aforesaid application) and the entire right, title and interest Il Letters Patent which may be granted therefor in the United States and its territorial possessions foreign countries and in and to any and all divisions, reissues, continuations, substitutions and |
| and all foreign cour of my entire right, successors and assig | the and request the Patent Office Officials in the United States and its territorial possessions and any attries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) gas, to the full end of the term for which said Letters Patent may be granted, as fully and entirely have been held by me had this Assignment and sale not been made. |
| respecting said inv continuation, substi all of said Letters Pa to aid said ASSIGN | that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me rention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, tute, renewal and reissue applications, execute all necessary assignment papers to cause any and tent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible IEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in d its territorial possessions and in any and all foreign countries. |
| | ledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both. |
| LEGAL NAME OF | INVENTOR |
| Inventor: Yoko N Signature: | AKANO Date: November 30, 2020 Joko Nakano |
| / | |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 054767 FRAME: 0379

Attorney Docket Number:

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

| tle of MODIFIED VINYL ALCOHOL POLYMER, METHOD FOR PRODUCING SAME, DISPERSION STABILIZER FOR SUSPENSION POLYMERIZATION, AND METHOD FOR PRODUCING VINYL POLYMER | |
|--|--|
| the below named inventor, I hereby declare that: | |
| is declaration The attached application, or | |
| directed to: United States application or PCT international application number PCT/JP2019/026597 filed on July 4, 2019 | |
| e above-identified application was made or authorized to be made by me. | |
| elieve that I am the original inventor or an original joint inventor of a claimed invention in the application. | |
| HEREAS, KURARAY CO., LTD. Bereinafter referred to as "ASSIGNEE") having places of business at: 1621, Sakazu, Kurashiki-shi, Okayama 710-01 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters tent that may be granted therefore in the United States and its territorial possessions and in any and all foreign untries; | |
| NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby knowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said SSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in foreign countries (including the right to claim priority under the terms of the International Convention and other evant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions d in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and newals 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. | |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 fine or imprisonment of not more than five (5) years, or both. | |
| GAL NAME OF INVENTOR | |
| ventor: Masato NAKAMAE Date: Nov. 304, 2020 | |
| gnature: Masate Rakamac | |

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 054767 FRAME: 0380

RECORDED: 12/29/2020