PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6214398

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| DAISUKE JOMUTA | 06/27/2020 |
| YUSUKE TAKAHIRA | 06/26/2020 |
| NOBUYUKI OTOZAWA | 07/14/2020 |
| CHIKAYA TAMITSUJI | 06/23/2020 |

RECEIVING PARTY DATA

| Name: | AGC Inc. |
|-----------------|-------------------------------------|
| Street Address: | 5-1, Marunouchi 1-chome, Chiyoda-ku |
| City: | Tokyo |
| State/Country: | Japan |
| Postal Code: | 100-8405 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16936512 |

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

Email: mstewart@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 531762US

NAME OF SUBMITTER: MAKEDA STEWART

SIGNATURE: /Makeda Stewart/

DATE SIGNED: 07/23/2020

Total Attachments: 4 source=ASN#page1.tif source=ASN#page2.tif source=ASN#page3.tif

PATENT 506167661 REEL: 053288 FRAME: 0701

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| Invention PRODUCTION METHODS FOR 1,3-DIOXOLANE COMPOUND AND PERFLUORO(2,2-DIMETHYL-1,3-DIOXOLE) | |
|---|--|
| 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 filed on | |
| 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, AGC Inc. (hereinafter referred to as "ASSIGNEE") having places of business at: S-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8405 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; | |
| 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. | |
| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | |
| LEGAL NAME OF INVENTOR | |
| Inventor: Daisuke JOMUTA Date: Jun. 27. 2020 | |
| Signature: Daisuke Jomuta | |

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

| Invention | PERFLUORO(2,2-DIMETHYL-1,3-E | |
|--|---|---|
| As the below name | d inventor, I hereby declare that: | |
| This declaration 🗵 | The attached application, or | |
| is directed to: | United States application or PCT internation filed on | |
| The above-identifie | The above-identified application was made or authorized to be made by me. | |
| I believe that I am t | the original inventor or an original joint inver | tor of a claimed invention in the application. |
| WHEREAS, AGC Inc. (hereinafter referred to as "ASSIGNEE") having places of business at: 5-1, Marunouchi I-chome, Chivoda-ku, Tokyo 100-8405 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 said ASSIGNEE, the and in all foreign conther relevant Inter interest in and to a | I for other good and valuable consideration, he full and exclusive right to the said inventi- countries (including the right to claim priority mational Treaties and Arrangements from the any and all Letters Patent which may be gra- any and all foreign countries and in and | DOLLARS (\$5.00), the receipt whereof is hereby I, by these presents do sell, assign and transfer unto on in the United States and its territorial possessions under the terms of the International Convention and a aforesaid application) and the entire right, title and inted therefor in the United States and its territorial it to any and all divisions, reissues, continuations, |
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| I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. | | |
| LEGAL NAME OF INVENTOR | | |
| Inventor: Yusuke | | Date: June 26, 2020 |
| Signature: | Tiesuke Takahira | |

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

| Title of Invention | PRODUCTION METHODS FOR 1,3-DIOXOLANE COMPOUND AND PERFLUORO(2,2-DIMETHYL-1,3-DIOXOLE) |
|--|--|
| 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-identific | 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. |
| | C Inc. |
| Tokyo 100-8405 Ja | ed to as "ASSIGNEE") having places of business at: 3-1. Marunouchi 1-chome, Chivoda-ku, apan, is desirous of acquiring the entire right, title and interest in and to said invention and in and in that may be granted therefore in the United States and its territorial possessions and in any and is; |
| acknowledged, and said ASSIGNEE, t and in all foreign c other relevant Inter interest in and to a | FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby a 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 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 in any and all foreign countries and in and to any and all divisions, reissues, continuations, mewals thereof. |
| any and all foreigr assignee of my ent (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 a would have been held by me had this Assignment and sale not been made. |
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| by fine or imprison | viedge 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 | FINVENTOR |
| Inventor: Nobuyi | uki OTOZAWA Date: JW. 14, 2020 |
| Signature: Nobiazuki Otozawa | |

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

| Invention | PERFLUORO(2,2-DIMETHYL-1,3-DIOXOLE) | | |
|--|---|--|--|
| As the below name | 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-identifie | The above-identified 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. | | |
| Tokyo 100-8405 Ja | d to as "ASSIGNEE") having places of business at: <u>5-1. Marunouchi 1-chome. Chivoda-ku.</u> pan , is desirous of acquiring the entire right, title and interest in and to said invention and in and that may be granted therefore in the United States and its territorial possessions and in any and | | |
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| any and all foreign assignee of my enti (his) successors an | ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the re 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 would have been held by me had this Assignment and sale not been made. | | |
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| | 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: Chikaya | TAMITSUII Date: Jun. 23 2020 | | |
| Signature: (| Unkaya Tamitsvii | | |

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 053288 FRAME: 0706

RECORDED: 07/23/2020