PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3747482

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| HAYATO FUJITA | 02/08/2016 |
| MASAAKI ISHIDA | 02/17/2016 |
| ATSUFUMI OMORI | 02/12/2016 |
| MUNEAKI IWATA | 02/10/2016 |

RECEIVING PARTY DATA

| Name: | RICOH COMPANY, LIMITED |
|-----------------|-------------------------|
| Street Address: | 3-6, NAKAMAGOME 1-CHOME |
| City: | OHTA-KU, TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 143-8555 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15048240 |

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: bbotchway@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | 467532US28 |
|-------------------------|--|
| NAME OF SUBMITTER: | BRANDON BOTCHWAY |
| SIGNATURE: | /Brandon Botchway/ |
| DATE SIGNED: | 02/19/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 4

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PATENT 503700843 REEL: 037777 FRAME: 0649

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> PATENT REEL: 037777 FRAME: 0650

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 IMAGE FORMING APPARATUS AND METHOD FOR DRIVING LIGHT SOURCE | |
|--|---|
| 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, RICOH COMPANY, LIMITED | |
| (hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, 143-8555 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and t Letters Patent that may be granted therefore in the United States and its territorial possessions and in any arforeign countries; | o any |
| NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hacknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial posses and in all foreign countries (including the right to claim priority under the terms of the International Convention other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title 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, continual substitutions and renewals thereof. | unto ssions n and e and itorial |
| I hereby authorize and request the Patent Office Officials in the United States and its territorial possession any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNE (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully entirely as the same would have been held by me had this Assignment and sale not been made. | as the E, its |
| 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. by fine or imprisonment of not more than five (5) years, or both. | 1001 |
| LEGAL NAME OF INVENTOR | |
| Inventor: Hayato FUJITA Date: Felinway 8, 20/6 | ļ |
| Signature: Nayato Fujita | |

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

Title of

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

IMAGE FORMING APPARATUS AND METHOD FOR DRIVING LIGHT

| Invention | SOURCE |
|---|---|
| As the below name | d inventor, I hereby declare that: |
| This declaration \boxtimes | The attached application, or |
| is directed to: | United States application or PCT international application number |
| The above-identific | 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 143-8555 Japan , is | OH COMPANY, LIMITED I to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all |
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| any and all foreign assignee of my enti (his) successors and | 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 a ssigns, 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. |
| respecting said inv continuation, substi- all of said Letters; 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, tute, 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 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. |
| | 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; Masaaki | ISHIDA Date: Teb. 17, 2016 |
| Signature:/W | maghi Islida |
| | |

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| respecting said inv continuation, substit all of said Letters) possible to aid said | 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 Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ted States and its territorial possessions and in any and all foreign countries |
| I hereby acknowl by fine or imprisonn | 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: Atsufum | i OMORI Date: February 12,2016 |
| Signature: Uta | ufuni Omori |
| | |

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| is directed to: | United States application or PCT international application number |
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| I believe that I am t | ne original inventor or an original joint inventor of a claimed invention in the application. |
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| LEGAL NAME OF | INVENTOR |
| Inventor: Muneak | IWATA Date: February, 10, 2016 |
| Signature: <u>Muyr</u> | reak: I wata |
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PATENT 02 REFL: 0377770 FRAME: 0654: 00)

RECORDED: 02/19/2016