# 504315287 04/11/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4361969

|  |  | NEW ASSIGNMENT   |                |
|--|--|--|----------------|
| NATURE OF CONVEYANCE:  |  | ASSIGNMENT   |                |
| CONVEYING PARTY D  | ΑΤΑ  |  |                |
|  |  | Name   | Execution Date |
| YASUSHI NISHIO   |  |  | 04/03/2017     |
| SATOSHI NOMURA   |  |  | 03/31/2017     |
| YASUHIKO FUJII   |  |  | 03/31/2017     |
| HIROMITSU SAKURAI  |  |  | 04/01/2017     |
| RECEIVING PARTY D  | ΑΤΑ  |  |                |
| Name:  | TODA K   | OGYO CORP.   |                |
| Street Address:  | 1-23, KY   | OBASHI-CHO, MINAMI-KU  |                |
| City:  | HIROSH   | IIMA-SHI, HIROSHIMA-KEN  |                |
| State/Country:   | JAPAN  |  |                |
|  |  | Number   |                |
|  |  |  |                |
| PROPERTY NUMBERS   |  | Number   |                |
| Property Type  |  | Number<br>5515003  |                |
|  |  |  |                |
| Property Type  | 1  |  |                |
| Property Type<br>Application Number:   | 1<br>DATA  |  |                |
| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br><i>Correspondence will I</i>  | DATA<br>(7)<br>be sent to a  | 5515003<br>703)816-4100<br><i>the e-mail address first; if that is unsuc</i>   |                |
| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br><i>Correspondence will I</i><br><i>using a fax number, if</i>   | DATA<br>(7)<br>be sent to a<br>provided;                                   | 5515003<br>703)816-4100<br>the e-mail address first; if that is unsuc<br>if that is unsuccessful, it will be sent v  |                |
| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br><i>Correspondence will I<br/>using a fax number, if</i><br>Phone:   | DATA<br>(7)<br>be sent to a<br>provided;<br>7                              | 5515003<br>703)816-4100<br><i>the e-mail address first; if that is unsuc</i><br><i>if that is unsuccessful, it will be sent v</i><br>703-816-4000  | ria US Mail.   |
| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br><i>Correspondence will I<br/>using a fax number, if</i><br>Phone:<br>Email:   | DATA<br>(7<br>be sent to a<br>provided;<br>7<br>b                          | 5515003<br>703)816-4100<br>the e-mail address first; if that is unsuc<br>if that is unsuccessful, it will be sent v  | ria US Mail.   |
| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br><i>Correspondence will I<br/>using a fax number, if</i><br>Phone:   | DATA<br>(7)<br>be sent to a<br>provided;<br>7<br>b                         | 703)816-4100<br>the e-mail address first; if that is unsuc<br>if that is unsuccessful, it will be sent v<br>703-816-4000<br>onapear@nixonvan.com, PTOmail@nixonv   | ria US Mail.   |
| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br><i>Correspondence will I<br/>using a fax number, if</i><br>Phone:<br>Email:<br>Correspondent Name:  | DATA<br>(7<br>be sent to a<br>provided;<br>7<br>b<br>5<br>N<br>9           | 5515003<br>703)816-4100<br><i>the e-mail address first; if that is unsuc</i><br><i>if that is unsuccessful, it will be sent v</i><br>703-816-4000<br>onapear@nixonvan.com, PTOmail@nixonv  | ria US Mail.   |
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| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br><i>Correspondence will L<br/>using a fax number, if</i><br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:  | DATA<br>(7<br>be sent to i<br>provided;<br>7<br>b<br>9<br>1<br>4           | 5515003<br>703)816-4100<br><i>the e-mail address first; if that is unsuc</i><br><i>if that is unsuccessful, it will be sent v</i><br>703-816-4000<br>onapear@nixonvan.com, PTOmail@nixonv<br>NIXON & VANDERHYE P.C.<br>001 NORTH GLEBE ROAD<br>1TH FOOR                        | ria US Mail.   |
| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br><i>Correspondence will It</i><br><i>using a fax number, if</i><br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:  | DATA<br>(7<br>be sent to a<br>provided;<br>7<br>b<br>9<br>1<br>4<br>9      | 703)816-4100<br><i>the e-mail address first; if that is unsuc</i><br><i>if that is unsuccessful, it will be sent v</i><br>703-816-4000<br>onapear@nixonvan.com, PTOmail@nixonv<br>NIXON & VANDERHYE P.C.<br>001 NORTH GLEBE ROAD<br>1TH FOOR<br>ARLINGTON, VIRGINIA 22203      | ria US Mail.   |
| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br>Correspondence will I<br>using a fax number, if<br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:   | DATA<br>(7<br>be sent to a<br>provided;<br>7<br>b<br>9<br>1<br>4<br>9      | 703)816-4100<br>the e-mail address first; if that is unsuc<br>if that is unsuccessful, it will be sent v<br>703-816-4000<br>onapear@nixonvan.com, PTOmail@nixonv<br>NIXON & VANDERHYE P.C.<br>001 NORTH GLEBE ROAD<br>1TH FOOR<br>ARLINGTON, VIRGINIA 22203<br>GPK-1417-941    | ria US Mail.   |
| Property Type<br>Application Number:<br>CORRESPONDENCE I<br>Fax Number:<br>Correspondence will I<br>using a fax number, if<br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:<br>Address Line 1:<br>Address Line 2:<br>Address Line 4:<br>ATTORNEY DOCKET N<br>NAME OF SUBMITTER: | DATA<br>(7<br>be sent to a<br>provided;<br>7<br>b<br>9<br>1<br>4<br>9      | 5515003   703)816-4100   the e-mail address first; if that is unsuccessful, it will be sent v   703-816-4000   onapear@nixonvan.com, PTOmail@nixonv   NIXON & VANDERHYE P.C.   001 NORTH GLEBE ROAD   1TH FOOR   ARLINGTON, VIRGINIA 22203   GPK-1417-941   GORDON P. KLANCNIK | ria US Mail.   |

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source=1417-941\_Declaration\_Assignment#page3.tif source=1417-941\_Declaration\_Assignment#page4.tif

PATENT REEL: 041958 FRAME: 0884

|  | Attorney Docket Number  | GPK-1417-941   |  |  |
|--|---|--|--|--|
|  | First Named Inventor  | NISHIO, Yasushi  |  |  |
| INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)<br>USING AN APPLICATION DATA SHEET (37 CFR 1.76)<br>Declaration Submitted With Initial Filing<br>OR<br>Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)  |   |  |  |  |
| FERRITE PARTICLES FOR BONDED MAGNETS, RESIN COMPOSITION FOR BONDED MAGNETS,<br>AND MOLDED PRODUCT USING THE SAME   |   |  |  |  |
| (Title of the Invention)   |   |  |  |  |
| As a below named inventor, I hereby declare that:  |   |  |  |  |
| This declaration is directed to:<br>the attached application, or<br>United States Application Number 15/515,003 filed March 28, 2<br>PCT International application number filed on   | 017, or   |  |  |  |
| The above-identified application was made or authorized to be made by me<br>I believe I am the original inventor or an original joint inventor of a claimed i<br>I hereby acknowledge that any willful false statement made in this declaration<br>by fine or imprisonment of not more than five (5) years, or both.   | nvention in the application.  | . 1001   |  |  |
| WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invent  | tion in the Application identified a  | above.   |  |  |
| WHEREAS, TODA KOGYO CORP. (hereinafter ASSIGNEE), an entity, having an office and place of business at 1-23. Kyobashi-cho,<br>Minami-ku, Hiroshima-shi, Hiroshima-ken, Japan, is desirous of acquiring an interest therein;  |   |  |  |  |
| NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other<br>of which are hereby acknowledged, the said ASSIGNOR by these presents<br>ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOF<br>America and all foreign countries, in and to the invention as described in the<br>subsequent applications based thereon including any and all continuations,<br>all resulting patents, together with the right of priority under the Internationa<br>American Convention Relating to Patents, Designs and Industrial Models, a<br>States of America adheres, and the ASSIGNOR hereby authorizes and req<br>said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its succes<br>agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represen<br>ASSIGNEE with respect to this invention; | hereby sells, assigns, and trans<br>R'S entire right, title and interest i<br>e aforesaid application, and to th<br>divisions, reissues, and substitu<br>il Convention for the Protection c<br>and any other international agree<br>uests the Commissioner of Pate<br>sors, assigns, and legal represel<br>and any entire the sors. | fers unto the said<br>n the United States of<br>le said application and to all<br>ites of said application, and<br>f Industrial Property, Inter-<br>ments to which the United<br>nts and Trademarks to issue<br>ntatives. It is understood and |  |  |
| ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;   |   |  |  |  |
| ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and   |   |  |  |  |
| ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furthe<br>ASSIGNEE, for the filing and granting of foreign applications and the perfect  |   |  |  |  |
| AGREED and executed as noted below:  |   |  |  |  |
| LEGAL NAME OF INVENTOR/JOINT INVENTOR:<br>(E.g., Given Name (first and middle (if any)) and Family Name or Surname   | )   |  |  |  |
| Yasushi  | n   | NISHIO   |  |  |
| Inventor's Signature: Ynamadi Nindio   | Date: April   | 3 2019   |  |  |
| Witnessed by:  |   |  |  |  |
| Name:  |   |  |  |  |
| Signature of witness:  | Date:   |  |  |  |

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

### PATENT REEL: 041958 FRAME: 0885

Doc code: Oath Document Description: Oath or declaration filed

|   | Attorney Docket Number                 | GPK-1417-941    |  |  |  |
|---|--|-----------------|--|--|--|
|   | First Named Inventor                   | NISHIO, Yasushi |  |  |  |
| INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)<br>USING AN APPLICATION DATA SHEET (37 CFR 1.76)   |  |                 |  |  |  |
| OR<br>Declaration Submitted After Initial Filing (surcharge (37 C.F.R. §  | 1.16(f)) required)                     | 22              |  |  |  |
| FERRITE PARTICLES FOR BONDED MAGNETS, RESIN COMPOSITION FOR BONDED MAGNETS,<br>AND MOLDED PRODUCT USING THE SAME  |  |                 |  |  |  |
| (Title of the Invention)  |  |                 |  |  |  |
| As a below named inventor, I hereby declare that:   |  |                 |  |  |  |
| This declaration is directed to:  |  |                 |  |  |  |
| ☐ the attached application, or<br>☑ United States Application Number 15/515,003_filed March 28, 2017, or<br>☐ PCT International application number_filed on   |  |                 |  |  |  |
| The above-identified application was made or authorized to be made by me  | ĸ                                      |                 |  |  |  |
| I believe I am the original inventor or an original joint inventor of a claimed in  |  |                 |  |  |  |
| 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.   |  |                 |  |  |  |
| WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.   |  |                 |  |  |  |
| WHEREAS, TODA KOGYO CORP. (hereinafter ASSIGNEE), an entity, having an office and place of business at 1-23, Kyobashi-cho,<br>Minami-ku, Hiroshima-shi, Hiroshima-ken, Japan, is desirous of acquiring an interest therein;   |  |                 |  |  |  |
| NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; |  |                 |  |  |  |
| ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal<br>representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out<br>of or related to the said invention;  |  |                 |  |  |  |
| ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and  |  |                 |  |  |  |
| ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by<br>ASSIGNEE, for the filling and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.   |  |                 |  |  |  |
| AGREED and executed as noted below:   |  |                 |  |  |  |
| LEGAL NAME OF INVENTOR/JOINT INVENTOR:<br>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)   |  |                 |  |  |  |
| Setoshi   | <b>P</b>                               | NOMURA          |  |  |  |
| Inventor's Signature:<br>Satoshi Nomuva   | Date:<br>2 <i>01</i> 7                 | . 3 . 3 /       |  |  |  |
| Witnessed by:   | 99999999999999999999999999999999999999 |                 |  |  |  |
| Name:   |  |                 |  |  |  |
| Signature of witness:   | Date:                                  |                 |  |  |  |

IWe acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

#### PATENT REEL: 041958 FRAME: 0886

|   | Attorney Docket Number   | GPK-1417-941                |  |  |  |
|---|--|-----------------------------|--|--|--|
|   | First Named Inventor   | NISHIO, Yasushi             |  |  |  |
| INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)<br>USING AN APPLICATION DATA SHEET (37 CFR 1.76)   |  |                             |  |  |  |
| Declaration Submitted With Initial Filing   |  |                             |  |  |  |
| OR  |  |                             |  |  |  |
| Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1  | .16(f)) required)  |                             |  |  |  |
| FERRITE PARTICLES FOR BONDED MAGNETS, RESIN COMPOSITION FOR BONDED MAGNETS,<br>AND MOLDED PRODUCT USING THE SAME  |  |                             |  |  |  |
| (Title of the Invention)  |  |                             |  |  |  |
| As a below named inventor, I hereby declare that:   |  |                             |  |  |  |
| This declaration is directed to:  |  |                             |  |  |  |
| the attached application, or  |  |                             |  |  |  |
| United States Application Number 15/515,003 filed March 28, 201   | 17, or   |                             |  |  |  |
| PCT International application number filed on .   |  |                             |  |  |  |
| The above-identified application was made or authorized to be made by me.   |  |                             |  |  |  |
| I believe I am the original inventor or an original joint inventor of a claimed inv   | ention in the application.   |                             |  |  |  |
| I hereby acknowledge that any willful false statement made in this declaration  |  | . 1001                      |  |  |  |
| by fine or imprisonment of not more than five (5) years, or both.   |  |                             |  |  |  |
| WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.   |  |                             |  |  |  |
| WHEREAS, TODA KOGYO CORP. (hereinafter ASSIGNEE), an entity, having an office and place of business at 1-23, Kyobashi-cho,<br>Minami-ku, Hiroshima-shi, Hiroshima-ken, Japan, is desirous of acquiring an interest therein;   |  |                             |  |  |  |
|   |  | the receipt and sufficiency |  |  |  |
| NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; |  |                             |  |  |  |
| ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;  |  |                             |  |  |  |
| ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and  |  |                             |  |  |  |
| ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by<br>ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.  |  |                             |  |  |  |
| AGREED and executed as noted below:   |  |                             |  |  |  |
| Legal Name of Additional Joint Inventor, if any:  |  |                             |  |  |  |
| (E.g., Given Name (first and middle (if any)) and Family Name or Surname)   | (E.g., Given Name (first and middle (if any)) and Family Name or Sumame) |                             |  |  |  |
| Yasuhiko  |  | FUJII                       |  |  |  |
| Bignature: Jacubiko Fiji  | Date:<br>March 3   | \$1,2017                    |  |  |  |
| Witnessed by:   |  |                             |  |  |  |
| Name:   |  |                             |  |  |  |
|   |  |                             |  |  |  |
| Signature of witness:   | Date:  |                             |  |  |  |

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

### PATENT REEL: 041958 FRAME: 0887

#### Doc code: Oath Document Description: Oath or declaration filed

| -   | Attorney Docket Number   | GPK-1417-941    |  |  |  |  |
|---|--|-----------------|--|--|--|--|
|   | First Named Inventor   | NISHIO, Yasushi |  |  |  |  |
| INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)<br>USING AN APPLICATION DATA SHEET (37 CFR 1.76)<br>Declaration Submitted With Initial Filing<br>OR<br>Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)   |  |                 |  |  |  |  |
| FERRITE PARTICLES FOR BONDED MAGNETS, RESIN COM   | FERRITE PARTICLES FOR BONDED MAGNETS, RESIN COMPOSITION FOR BONDED MAGNETS,<br>AND MOLDED PRODUCT USING THE SAME |                 |  |  |  |  |
| (Title of the invention)  |  |                 |  |  |  |  |
| As a below named inventor, I hereby declare that:   |  |                 |  |  |  |  |
| This declaration is directed to:<br>the attached application, or<br>United States Application Number 15/515,003 filed March 28, 2017, or<br>PCT International application number filed on   |  |                 |  |  |  |  |
| The above-identified application was made or authorized to be made by me.   |  |                 |  |  |  |  |
| I believe I am the original inventor or an original joint inventor of a claimed inve  | ention in the application.   |                 |  |  |  |  |
| 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.   |  |                 |  |  |  |  |
| WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inventior  | n in the Application identified a  | ibove.          |  |  |  |  |
| WHEREAS, TODA KOGYO CORP. (hereinafter ASSIGNEE), an entity, having an office and place of business at 1-23, Kyobashi-cho,<br>Minami-ku, Hiroshima-shi, Hiroshima-ken, Japan, is desirous of acquiring an interest therein;   |  |                 |  |  |  |  |
| NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency<br>of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said<br>ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of<br>America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all<br>subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and<br>all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-<br>America and region countries, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue<br>said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and<br>agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only<br>ASSIGNEE with respect to this invention; |  |                 |  |  |  |  |
| ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal<br>representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out<br>of or related to the said invention;  |  |                 |  |  |  |  |
| ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and  |  |                 |  |  |  |  |
| ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by<br>ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.  |  |                 |  |  |  |  |
| AGREED and executed as noted below:   |  |                 |  |  |  |  |
| Legal Name of Additional Joint Inventor, if any:<br>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)   |  |                 |  |  |  |  |
| (E.g., Given Name (first and middle (ir any)) and Pamily Name of Sumame)<br>Hiromitsu   |  | SAKURAI         |  |  |  |  |
| Inventor's<br>Signature: Himmitsu Saburai   | Date:<br>2017 /  | 4 /1            |  |  |  |  |
| Witnessed by:<br>Name:  |  |                 |  |  |  |  |
| Signature of witness:   |  |                 |  |  |  |  |
| Cignizare Crwniness.  |  |                 |  |  |  |  |

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

#### PATENT REEL: 041958 FRAME: 0888

**RECORDED: 04/11/2017**