506521650 02/24/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6568425

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| ATSUKI TACHIBANA | 12/16/2019 |
| TETSUO TANAKA | 12/12/2019 |
| HIDENORI SUZUKI | 12/12/2019 |
| YOSHIKI TAKAHARA | 12/12/2019 |
| ATSUHIRO TSUCHIYA | 12/16/2019 |
| ATSUHIRO SUZUKI | 12/12/2019 |

RECEIVING PARTY DATA

| Name: | MITSUBISHI ELECTRIC CORPORATION |
|-----------------|-------------------------------------|
| Street Address: | 7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU |
| City: | TOKYO |
| State/Country: | JAPAN |
| Postal Code: | 100-8310 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 29771615 |

CORRESPONDENCE DATA

Fax Number: (703)390-1277

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)390-9051

info@sbpatentlaw.com Email:

STUDEBAKER & BRACKETT PC **Correspondent Name:** 8255 GREENSBORO DRIVE Address Line 1:

Address Line 2: SUITE 300

Address Line 4: TYSONS, VIRGINIA 22102

| ATTORNEY DOCKET NUMBER: | 002500-ME0388 | |
|-------------------------|--|--|
| NAME OF SUBMITTER: | DONALD R. STUDEBAKER | |
| SIGNATURE: | /Donald R. Studebaker/ | |
| DATE SIGNED: | 02/24/2021 | |
| | This document serves as an Oath/Declaration (37 CFR 1.63). | |

PATENT REEL: 055391 FRAME: 0409

506521650

Total Attachments: 12 source=dec-asn_parent#page1.tif source=dec-asn_parent#page3.tif source=dec-asn_parent#page4.tif source=dec-asn_parent#page5.tif source=dec-asn_parent#page6.tif source=dec-asn_parent#page7.tif source=dec-asn_parent#page8.tif source=dec-asn_parent#page8.tif source=dec-asn_parent#page9.tif source=dec-asn_parent#page10.tif source=dec-asn_parent#page11.tif source=dec-asn_parent#page11.tif

PATENT REEL: 055391 FRAME: 0410



COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

| Title of Invention: | |
|--|---|
| INVERTER | |
| 私は、以下に配名された発明者として、ここに下記 の通り宣言する: | As a below named inventor, I hereby declare that: |
| 本宣言書は、以下の出願に対するものである: 然付された出願、あるいは、 米国出願番号またはFCT国際出願番号は、 であり、且つ | This declaration is directed to: The attached application, or United States application or PCT international application number |
| 、 | filed on |
| 上記出類器(明細器及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。 | The above-identified application was made or authorized to be made by me. |
| 私は、本米国出願の請求範囲で記載された発明に対 | I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. |
| する原発明者であるか、或いは、原共同発明者であると信じている。 | 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 (3) years, or both. |
| | STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b): |
| 私は、ここでの宣誓または陳述において故意に偽り を述べた場合、合衆国法典第18巻第1001条に基づ き、劉金あるいは5年以下の懲役、または、両方の 終期を受けることを認める。 | The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications |
| | Signature: 7 2012 Date: 11/15/2012 |
| | |

Page 1 of 12



WHEREAS the undersigned, hereinafter referred to as the assignor, has invented a certain improvement relating to the above identified application.

| The inventor declaration for said application is combined herewith. [X] said application to be filed in the United States Patent and Trademark Office; [] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No.) the application serial number of said application when known: [] said application having been filed under the Patent Cooperation Treaty on Serial No | |
|---|--|
| iny and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue etters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and assignee's successors and assigns, in accordance herewith. | |
| Assignment portion of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for | |
| his combined Declaration and Assignment has been executed by the undersigned on the date opposite the ndersigned name. | |
| 阴者氏名/ Legal Name of Inventor | |
| Atsuki TACHIBANA 野者の著名/ Signature B&// Data | |
| Kitty Date | |
| Atsuki Tachibana December 16 2010 | |



Attorney Docket No. <u>002500-ME</u>

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

| Title of Invention: | |
|--|---|
| INVERTER | |
| 私は、以下に記名された発明者として、ここに下記 の通り宣言する: | As a below named inventor, I hereby declare that: |
| 本宣言書は、以下の出願に対するものである: | This declaration is directed to: |
| 図 添付された出願、あるいは、 □ 米国出願番号またはPCT国際出願番号は、 □ であり、且つ □ の日に出願された出願(該当 する場合) | The attached application, or United States application or PCT international application number filed on |
| 上記出願客(明細書及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。 | The above-identified application was made or authorized to be made by me. |
| 私は、本米国出願の請求範囲で記載された発明に対 | I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. |
| する原発明者であるか、或いは、原共同発明者であると信じている。 | 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. |
| | STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.68(b): |
| 私は、ここでの宣誓または陳途において故意に偽り を述べた場合、合衆国法典第18巻第1001条に基づ き、劉金あるいは5年以下の懲役、または、両方の 懲罰を受けることを認める。 | The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications |
| | Signature: |
| | |

Page 3 of 12



WHEREAS the undersigned, hereinafter referred to as the assignor, has invented a certain improvement relating to the above identified application.

| application serial number of said application w [] said application having been filed under the Serial No the L | ates Patent and Trademark Office; ited States Patent and Trademark Office on, coners associated with <u>STUDEBAKER & BRACKETT PC's</u> in parentheses (Application Serial No) the hen known; Patent Cooperation Treaty on, as Inited States of America being designated. |
|---|--|
| entire right, title and interest in and to said applie | TRIC CORPORATION of 7-3, Marunouchi 2-chome, ter referred to as the assignee, is desirous of acquiring the cation, including any and all divisions and continuations thereof, tents which may be granted therefor, including any and all |
| NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assignor hereby assigns, selis and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assigner hereby agrees to perform, upon the request of said assignee, or said essignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue exister said assignee's successors and assigns, in accordance herewith. The undersigned hereby grants the law f | |
| 起明者氏名/ Legal Name of Inventor | Tetsuo TANAKA |
| き明者の署名/ Signature | 目付/ Date |
| Jetour Juhn | December 12, 2019 |



Attorney Docket No. <u>002500-ME</u>

COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

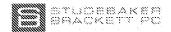
| Title of Invention: | |
|--|---|
| INVERTER | |
| 私は、以下に記名された発明者として、ここに下記 の通り宣言する: | As a below named inventor, I hereby declare that: |
| 本宣言書は、以下の出願に対するものである: | This declaration is directed to: |
| □ 探付された出願、あるいは、 □ 米国出願番号またはPCT国際出願番号は、 □ であり、且つ の日に出願された出願(該当 | The attached application, or United States application or PCT international application number filed on |
| する場合) | |
| 上記出顧書(明細書及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。 | The above-identified application was made or authorized to be made by me. |
| 私は、本米国出願の請求範囲で記載された発明に対 | I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. |
| する原発明者であるか、或いは、原共同発明者であ | 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 (3) years, or both. |
| ると簡じている。 | |
| | STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b): |
| 私は、ここでの宣誓または陳述において故意に偽り を述べた場合、合衆国法典第18巻第1001条に基づ き、罰金あるいは5年以下の懲役、または、両方の 整罰を受けることを認める。 | The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications |
| | Signature: |
| | |

Page 5 of 12



WHEREAS the undersigned, hereinafter referred to as the assignor, has invented a certain improvement relating to the above identified application.

| The inventor declaration for said application is combined herewith. [X] said application to be filed in the United States Patent and Trademark Office; [] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No) the application serial number of said application when known; [] said application having been filed under the Patent Cooperation Treaty on as Serial No, the United States of America being designated. AND WHEREAS MITSUBISHI ELECTRIC CORPORATION of 7-3, Marunouchi 2-chome. | |
|--|--|
| entire right, title and interest in and to said application, including any and all divisions and continuations thereof and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof. | |
| NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise ansing from or appertaining thereto, for and during the term or terms of any and all such patents when granted, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignee or could have held and enjoyed the same. If this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all sacts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith. The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the necessary or desirable in order to co | |
| Hidenori SUZUKI | |
| 発明者の署名/ Signature よど、 / 日付/ Date | |
| 罗木布典 December 12 2019 | |



COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

| Title of Invention: | |
|--|---|
| | |
| INVERTER | |
| 私は、以下に記名された発明者として、ここに下記 の通り宣言する: | As a below named inventor, I hereby declare that: |
| 本宣言書は、以下の出願に対するものである: | This declaration is directed to: |
| 図 添付された出業、あるいは、 □ 本園出願番号またはFCT国際出願番号は、 _ であり、且つ の日に出願された出願(該当 する場合) | The attached application, or United States application or PCT international application number |
| 上記出願書(明細書及び図面)は、私が作成したもの か、あるいは私がその作成を許可したものである。 | 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. |
| 私は、本米国出籍の請求範囲で記載された発明に対 | |
| する原発明者であるか、或いは、原共同発明者であると信じている。 | 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. |
| \$2 CHR 12 61 186 | STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b): |
| 私は、ここでの宣誓または陳述において故意に係り を述べた場合、合衆国法典第18巻第1601条に基づ き、罰金あるいは5年以下の整役、または、両方の 鬱罰を受けることを認める。 | The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications |
| | Signature: <u>11/15/2012</u> |
| | |

Page 7 of 12



Attorney Docket No. <u>002500-ME</u>

WHEREAS the undersigned, hereinafter referred to as the assignor, has invented a certain improvement relating to the above identified application.

| The inventor declaration for said application is combined herewith. |
|--|
| [X] said application to be filed in the United States Patent and Trademark Office; |
| [] said application having been filed in the United States Patent and Trademark Office on. |
| authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's |
| CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No) the |
| application serial number of said application when known; [] said application having been filed under the Patent Cooperation Treaty on, as |
| [] said application having been filed under the Patent Cooperation Treaty on, as Serial No, the United States of America being designated. |
| derial Mor (are ornited diales as Amienta being designated. |
| AND WHEREAS MITSUBISHI ELECTRIC CORPORATION of 7-3, Manunouchi 2-chome, |
| Chlyoda-ku, Tokyo 100-8310 JAPAN, hereinafter referred to as the assignee, is desirous of acquiring the |
| entire right, title and interest in and to said application, including any and all divisions and continuations thereof, |
| and in and to said invention and any and all patents which may be granted therefor, including any and all |
| renewals, reissues and prolongations thereof; |
| 604044 (C. 3.8) |
| NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration |
| paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and |
| exclusive right, title and interest in and to said application, including any and all divisions and continuations |
| thereof, and in and to said invention and any and all patents which may be granted therefor, including any and |
| all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns, |
| to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, |
| and the said invention and any and all patents which may be granted therefor, including any and all renewals, |
| reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising |
| from or appertaining thereto, for and during the term or terms of any and all such patents when granted, |
| including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, |
| and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might |
| or could have held and enjoyed the same, if this assignment had not been made. |
| AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's |
| successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including |
| any and all renewals, reissues and prolongations thereof. |
| AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue |
| Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee, and said assignee, and said assigns, in accordance herewith: |
| The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the |
| Assignment portion of this combined Declaration and Assignment any further identification which may be |
| necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for |
| recordation of this document. |
| This combined Declaration and Assignment has been executed by the undersigned on the date opposite the |
| undersigned name. |
| |
| 密明者氏名/ Legal Name of inventor Yoshiki TAKAHARA |
| 影明者《/養名// Signature B付/ Date |
| and the second s |
| 馬原度打 December 12.2019 |



COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

| Title of Invention: | |
|--|---|
| INVERTER | |
| 私は、以下に記名された発明者として、ここに下記 の通り宣言する: | As a below named inventor, I hereby declare that: |
| 本宣言書は、以下の出題に対するものである: 「「一 ※国出願番号またはPCJ国際出願番号は、 であり、且つ の日に出願された出願(該当 | This declaration is directed to: The attached application, or United States application or PCT international application number filed on |
| する場合) | |
| 上記出職器(明細器及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。 | The above-identified application was made or authorized to be made by me. |
| 私は、本米国出願の請求範囲で記載された発明に対 | I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. |
| する原発明者であるか、或いは、原共同発明者であると信じている。 | 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. |
| William Co. C. Young | STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b): |
| 私は、ここでの宣響または陳述において故意に偽り を述べた場合、合衆国法典第18巻第1001条に基づ き、罰金あるいは5年以下の懲役、または、両方の 懲罰を受けることを認める。 | The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications |
| | Signature: // Date: 11/15/2012 |
| | |

Page 9 of 12



Attorney Docket No. <u>002500-ME</u> **WHEREAS** the undersigned, hereinafter referred to as the assignor, has invented a certain improvement relating to the above identified application.

| The inventor declaration for said application is combined herewith. [X] said application to be filed in the United States Patent and Trademark Office; [] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with <u>STUDEBAKER & BRACKETT PC's</u> <u>CUSTOMER NUMBER 78198</u> , to insert here in parentheses (Application Serial No) the application serial number of said application when known; [] said application having been filed under the Patent Cooperation Treaty on, as Serial No, the United States of America being designated. | |
|--|--|
| AND WHEREAS MITSUBISHI ELECTRIC CORPORATION of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 JAPAN, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; | |
| NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith. The said application of this combined Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office | |

| 条明者氏名/ Legal Name of Inventor | Atsuhiro TSUCHIYA | |
|-------------------------------|-------------------|--|
| 验明者の簽名/ Signature | 日付/ Date | |
| Atsuhiro Tsuchiya | December 16, 2019 | |



COMBINED DECLARATION (37 CFR 1.63) AND ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

| Title of Invention: | |
|--|---|
| INVERTER | |
| 私は、以下に記名された発明者として、ここに下記 の通り宣言する: | As a below named inventor, I hereby declare that: |
| 本宣言書は、以下の出題に対するものである: ② 添付された出題、あるいは、 □ 米国出願番号またはPCT国際出願番号は、であり、且つの日に出願された出題(該当する場合) 上記出願書(明細書及び図面)は、私が作成したものか、あるいは私がその作成を許可したものである。 私は、本米国出願の請求範囲で記載された発明に対する原発明者であるか、或いは、原共同発明者であ | This declaration is directed to: The attached application, or 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. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine |
| ると信じている。 私は、ここでの宣誓または陳述において故意に偽り を述べた場合、合衆国法典第18巻第1001条に基づ き、罰金あるいは5年以下の懲役。または、両方の 懲罰を受けることを認める。 | or imprisonment of not more than five (5) years, or both. STATEMENT OF ACCURATE TRANSLATION IN ACCORDANCE WITH 37 CFR 1.69(b): The Declaration and Assignment for Patent and Design Applications is an accurate translation of the corresponding English language Declaration and Assignment for Patent and Design Applications Signature: Date: 11/15/2012 |

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WHEREAS the undersigned, hereinafter referred to as the assignor, has invented a certain improvement relating to the above identified application.

| The inventor declaration for said application is combined herewith. [X] said application to be filed in the United States Patent and Trademark Office; [] said application having been filed in the United States Patent and Trademark Office on, authorization being hereby given to the practitioners associated with STUDEBAKER & BRACKETT PC's CUSTOMER NUMBER 76198, to insert here in parentheses (Application Serial No) the application serial number of said application when known; [] said application having been filed under the Patent Cooperation Treaty on, as Serial No, the United States of America being designated. AND WHEREAS MITSUBISHI ELECTRIC CORPORATION of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 JAPAN, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; |
|---|
| NOW, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and benefical a manner as the said assigner might or could have held and enjoyed the same, if this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Leiters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith. The undersigned hereby grants the law firm of STUDEBAKER & BRACKETT PC the power to insert on the Assignment portion of thi |
| 発明者氏名/ Legal Name of Inventor Atsuhiro SUZUKI |

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Bifil/ Date

December . 12 . 2019

RECORDED: 02/24/2021

発明者の署名/ Signature

翁木 敦裕