502143396 11/29/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Masatoshi FURUICHI | 11/15/2012 |
| Yoshiki KIMURA | 11/15/2012 |
| Tomohiro MATSUO | 11/26/2012 |
| Yoshihiro KUSAMA | 11/21/2012 |

RECEIVING PARTY DATA

| Name: | KABUSHIKI KAISHA YASKAWA DENKI |
|-----------------|---|
| Street Address: | 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi |
| City: | Fukuoka |
| State/Country: | JAPAN |
| Postal Code: | 806-0004 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13688219 |

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: htobisawa@dcpatent.com

Correspondent Name: Masayasu Mori

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Address Line 4: Alexandria, VIRGINIA 22314

| ATTORNEY DOCKET NUMBER: | P6933US00 |
|-------------------------|--|
| NAME OF SUBMITTER: | Masayasu Mori |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

PATENT

REEL: 029369 FRAME: 0175

JP \$40.00 13688219

Total Attachments: 4

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> PATENT REEL: 029369 FRAME: 0176

| Title of Invention | CONVEYING SYSTEM |
|---|--|
| As the below This declara is directed to | |
| The above-io | dentified application was made or authorized to be made by me. |
| I believe that application. | t I am the original inventor or an original joint inventor of a claimed invention in the |
| | nowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both. |
| | wed and understand the contents of the application and am aware of the duty to disclose to the ad Trademark Office all information known to me to be material to patentability as defined in 56. |
| | ASSIGNMENT |
| For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI , having a principle place of business at 2-1 , Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 Japan, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application), in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements. I agree that I will communicate to the assignee or its 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 Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries. | |
| LEGAL NA | ME OF INVENTOR (Given name FAMILY NAME) |
| Inventor: | Masatoshi FURUICHI Date: /// 15 / 20/2 |
| Signature | 古市目稔 |

PATENT REEL: 029369 FRAME: 0177

| Title of Invention | CONVEYING SYSTEM |
|---|---|
| This declarate is directed to the above-in the above-in the application. I hereby ack U.S.C. 1001 I have review US Patent as | United States application or PCT international application number filed on dentified application was made or authorized to be made by me. It I am the original inventor or an original joint inventor of a claimed invention in the mowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both. Wed and understand the contents of the application and am aware of the duty to disclose to the and Trademark Office all information known to me to be material to patentability as defined in |
| acknowledg a principle p 0004 Japan, to the invent United State Internationa aforesaid ap application, extensions the said improve I agree the said invention continuation cause any ar everything protection for | ASSIGNMENT If and valuable consideration, the receipt, sufficiency and adequacy of which are hereby ed, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-and its successors, assigns, and legal representatives, my entire right, title and interest in and iton listed above, together with the Application, any and all Patents that may issue for the s and all foreign countries (including the right to claim priority under the terms of the I Convention and any other relevant International Treaties and Arrangements from the plication), in and to any and all improvements that are disclosed in the above-noted and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or nereof that have been or shall be filed in the United States and all foreign countries on any of ements. The international Treaties and Fate and I divisional, and testify in any legal proceeding, sign all lawful papers, execute all divisional, substitute, renewal, and reissue applications, execute all necessary assignment papers to all Patents to be issued to the assignee, make all rightful oaths, and, generally do ossible to aid said assignee, its successors and assigns, to obtain and enforce proper or said invention in the United States and in any and all foreign countries. |
| LEGAL NA Inventor: Signature | ME OF INVENTOR (Given name FAMILY NAME) Yoshiki KIMURA Date: ////5/20/2 : 本村 吉 布 |

| Title of Invention | CONVEYING SYSTEM | |
|--|---|--|
| As the below | w named inventor, I hereby declare that: | |
| This declara | This declaration The attached application, or sidirected to: | |
| | United States application or PCT international application number filed on | |
| The above-i | dentified application was made or authorized to be made by me. | |
| I believe tha application. | t I am the original inventor or an original joint inventor of a claimed invention in the | |
| | nowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both. | |
| | wed and understand the contents of the application and am aware of the duty to disclose to the and Trademark Office all information known to me to be material to patentability as defined in 56. | |
| | ASSIGNMENT | |
| For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I hereby sell, assign, and transfer to KABUSHIKI KAISHA YASKAWA DENKI, having a principle place of business at 2-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 Japan, and its successors, assigns, and legal representatives, my entire right, title and interest in and to the invention listed above, together with the Application, any and all Patents that may issue for the United States and all foreign countries (including the right to claim priority under the terms of the International Convention and any other relevant International Treaties and Arrangements from the aforesaid application), in and to any and all improvements that are disclosed in the above-noted application, and in and to any reissues, renewals, continuations, continuation-in-parts, divisionals or extensions thereof that have been or shall be filed in the United States and all foreign countries on any of said improvements. I agree that I will communicate to the assignee or its 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 Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper | | |
| protection to | or said invention in the United States and in any and all foreign countries. | |
| LEGAL NA | ME OF INVENTOR (Given name FAMILY NAME) | |
| Inventor: | Tomohiro MATSUO Date : ///26/20/2 | |
| Signature | : Jouline matrin | |

PATENT REEL: 029369 FRAME: 0179

| Title of Invention | CONVEYING SYSTEM |
|---|--|
| As the below named inventor, I hereby declare that: This declaration The attached application, or is directed to: | |
| TI I | United States application or PCT international application number filed on |
| | dentified application was made or authorized to be made by me. It I am the original inventor or an original joint inventor of a claimed invention in the |
| | nowledge that any willful false statement made in this declaration is punishable under 18 by fine or imprisonment of not more than five (5) years, or both. |
| | wed and understand the contents of the application and am aware of the duty to disclose to the nd Trademark Office all information known to me to be material to patentability as defined in 56. |
| | ASSIGNMENT |
| acknowledg a principle p 0004 Japan, to the invent United State Internationa aforesaid ap application, extensions the said improve I agree t | hat I will communicate to the assignee or its 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 Patents to be issued to the assignee, make all rightful oaths, and, generally do everything possible to aid said assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries. | |
| LEGAL NA | ME OF INVENTOR (Given name FAMILY NAME) |
| | Yoshihiro KUSAMA Date: ///2//20/2 |
| | t |

PATENT REEL: 029369 FRAME: 0180

RECORDED: 11/29/2012