502758703 04/08/2014

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| RYO YOKOZUTSUMI | 03/06/2014 |
| AKIHIRO MURAHASHI | 03/24/2014 |

RECEIVING PARTY DATA

| Name: | Mitsubishi Electric Corporation | |
|-------------------|---------------------------------|--|
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| City: | Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 100-8310 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 14348293 | |

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| NAME OF SUBMITTER: | ASHLEY FERNANDEZ | |
| SIGNATURE: | /Ashley Fernandez/ | |
| DATE SIGNED: | 04/08/2014 | |

Total Attachments: 1

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PATENT 502758703 REEL: 032628 FRAME: 0454

U.S. ASSIGNMENT

| nventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) Mitsubishi Electric Corporation | | • |
|---|--|---|
| 7-3, Marunouchi 2-chome, Chiyoda- | ku, Tokyo 100-8310 Japan | |
| | | |
| | | |
| | · | |
| (hereinafter, "ASSIGNEE"), the receipt of which is her ASSIGNEE the entire and exclusive right, title and inte (Title of Invention) | eby acknowledged, the undersigned ASSIGNO rest to the invention entitled | OR hereby solls, assigns and transfers to |
| ONTROL DEVICE AND CONTROL M | | |
| RIVING SYSTEM TO WHICH THE CO | NTROL DEVICE AND CONTR | OL METHOD ARE APPLIED |
| relating to International Patent Application PCT/IP 20 executed on even date herewith or, if not so executed, v | 11/072643 and/or for which application for was: | Letters Patent of the United States was |
| (a) executed on | (Insert date of execution of applic | ation, if not concurrent) |
| (b) filed on Mar. 28, 2014 | | and a dead of the second |
| Serial No. 14/348, 293 | Assigned's attorney is nevery data, when known. | authorized to insert in (b) the specified |
| | Little Co. Land Co. | |
| and to said application and all Letters Patent(s) of the t substitute, reissue or reexamination application based the including any extensions thereof (collectively, hereinal | sereon, for the full term or terms for which the | said Letters Patent(s) may be granted and |
| The ASSIGNOR agree(s), when requested by said A which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said apreexamination, or public use proceeding, and in any liticats to include but not be limited to executing all paper sworn testimony, and obtaining and producing evidence | or expedient, for securing, maintaining and en plication(s) and the issuance of said Letters Pa gation or other legal proceeding which may ari s, including separate assignments and declarat | forcing protection for said invention, tent(s), in any interference, reissue, se or be declared in relation to same, such |
| IN WITNESS WHEREOF, the undersigned invento | | |
| 1) Ryo Yoko zutsu (n.) (Signature) 2) Abithin Murahashi (Signature) | Ryo YOKOZUTSUMI | March 6.2014 (Date) Arch 28.2×18 |
| (Signature) | (Type Name) | (Date) |
| 2) Akibiru Murahashi (Signature) | AKINITO WUKAHASHI (Type Name) | (Date) |
| • | (2) pe Ganoy | /managed |
| 3) (Signature) | (Type Name) | (Date) |
| 4) (Signature) | (Type Name) | (Date) |
| 5) | | |
| (Signature) | (Type Name) | (Date) |

PATENT REEL: 032628 FRAME: 0455

RECORDED: 04/08/2014