503628123 12/29/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3674753

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| TAKU YAMAMORI | 12/07/2015 |

RECEIVING PARTY DATA

| Name: | MITSUBISHI HEAVY INDUSTRIES, LTD. | |
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| City: | TOKYO | |
| State/Country: | JAPAN | |
| Postal Code: | 1088215 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14901830 |

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| ATTORNEY DOCKET NUMBER: | KUD-082 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | MANABU KANESAKA |
| SIGNATURE: | /Manabu Kanesaka/ |
| DATE SIGNED: | 12/29/2015 |

Total Attachments: 2

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PATENT 503628123 REEL: 037375 FRAME: 0609

| [Docket No.(| 整理番号 |) |
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ASSIGNMENT 譲渡証

Japanese Language Assignment 日本語論演訂

| 14年 | 解於位义 真证。 |
|--|--|
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| | 1) Taku YAMAMORI |
| は、(護受人住所) | who has made a certain new and useful invention hereby sells, assigns and transfers unto |
| に所在する(譲受人) 、そ | MITSUBISHI HEAVY INDUSTRIES, LTD. |
| の継承者及び譲受人(以下、「譲受人」と指定する)に、 | having a place of business at 16-5, Konan 2-chome, Minato-ku, Tokyo 1088215 Japan |
| (a) (出願日) に米国特許出願番号 (出願番号) として | successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the |
| 出願され、又は (b) (署名日) に署名された米国 特許出願に記載された、 | United States of America as defined in 35 U.S.C. 100 in the invention entitled |
| (発明の名称: title) | |
| MANUFACTURING METHOD OF REINFORCII | NG STRUCTURE, |
| に関する発明において、米国特許法第100条が定め | (a) for which an application for United States Letters Patent was filed on, |
| る、アメリカ合衆国におけるすべての権利、権原、 利権を、ここに売渡、譲渡、移転し、 | and identified by United States Patent Application No; or |
| | (b) for which an application for United States Letters Patent was executed on, |
| | and the condensate of boundary and boundary the |

下記に署名するものはここに、米国特許商標局長官に対して、前記「譲受人」、及び「譲受人」の利害関係者としての継承者、譲受人、及び法律上の代表者に、この発明に関する全ての米国特許証、全ての延長、分割出願、再発行特許出願、継続出願、または一部継続出願を、あるいは国際工業所有権保護同盟条約の下の全ての恩典を受ける権限を与えるように認め且つ請求するものであり、

下記に署名する者は、前記出願に記載された弁護士 が今後、前記「譲受人」の代理人となることに同意 し、 and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

下記に署名するものはここに、前記「讓受人」、その継承者、讓受人、及び法律上の代表者の要請に応じて、米国での特許出願、分割出願、再発行特許証、又は延長特許証を取得するため、及び追加報酬なしに、前記発明から生じる、又は関連する改良、及びそれに基づく特許出願のために利権を移転し、且つ必要な援助の全てを提供;及び移転された発明に対して前記「讓受人」、その継承者、讓受人、及び法律上の代表者により、「讓受人」の完全な保護と権限に不可欠と見なされる、あらゆる書類に署名する事に同意するものである。

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature: 併記された日付にて署名:

| 1) Taku Jamamoro | 07 DEC 2015 |
|--------------------------|--------------------|
| Name (署名): Taku YAMAMORI | Date (日付): |