07/24/2014 502905610

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| TORU IWAHASHI | 06/13/2014 |
| NAOTO KOUCHI | 06/13/2014 |

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14374280 |

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| SIGNATURE: | /Christopher W. Brody/ |
| DATE SIGNED: | 07/24/2014 |

Total Attachments: 1 source=as1#page1.tif

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PATENT

Docket No.:

ASSIGNMENT

| This is an Assignment of the fo | llowing rights, title and interest: |
|---|---|
| □ United States of Am □ □ United States of Am □ U | nerica rights, title and interest in the invention |
| Foreign rights, title a | and interest in the invention |
| | ation NoPCT/JP2012/005884 |
| Date of Filing: | September 14, 2012 |
| United States Pater | et Application Serial No |
| | |
| Title of the Invention: D | EVICE FOR ASSEMBLING RAILWAY WHEEL WITH DISK BRAKE |
| Inventors (assignors). T | oru IWAHASHI and Naoto KOUCHI |
| | IIPPON STEEL & SUMITOMO METAL CORPORATION -1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071 Japan |
| Whereas, we, the above-ic Invention identified above and des referred to as "Invention"); | dentified Inventors, have invented certain new and useful improvements in the cribed in the above-identified patent application(s) and/or patent(s) (hereinafter |
| And, whereas we desire to identified assignee; | assign our above-identified rights, title and interest in the Invention to the above- |
| Now, this indenture witnes acknowledged; | seth, that for good and valuable consideration, the receipt whereof is hereby |
| applications(s) as identified above, and to any and all Letters Patent of in and to any and all reissues and r | d transfer our above-identified rights, title and interest in said Invention, said including any divisions, continuations, and continuations-in-part thereof, and in the United States, which may be granted or have granted for said Invention, and reexaminations thereof, and in and to any and all priority rights, Convention rights corue to us with respect to the filling of applications for patents or securing of said Assignee. |
| And we hereby authorize a States Letters Patent which may is interest thereto; | and request the Commissioner of Patents and Trademarks to issue any United sue for said Invention to said Assignee, as assignee of the whole right, title and |
| for filing divisions, continuations an reissue or reissues of any Letters F | gn and execute all necessary and lawful future documents, including applications, d continuations-in-part of said application for patent, and/or, for obtaining any Patent which may be granted for my aforesaid Invention, as the Assignee or its require and prepare at its own expense. |
| Tora Iwahash | June 13, 2014 |
| Signature: Toru IWAHASHI | Date |
| Raoto Douchi | June 13, 2014 |
| Signature: Naoto KOUCHI | Date |

PATENT REEL: 033382 FRAME: 0660

RECORDED: 07/24/2014