PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------|----------------|
| Takara Standard Co., Ltd. | 12/24/2008 |

RECEIVING PARTY DATA

| Name: | SUMITOMO METAL INDUSTRIES, LTD. | |
|-------------------|---------------------------------|--|
| Street Address: | 5-33 Kitahama 4-chome | |
| Internal Address: | Chuo-ku | |
| City: | Osaka-shi, Osaka | |
| State/Country: | JAPAN | |
| Postal Code: | 541-0041 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12296518 |

CORRESPONDENCE DATA

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NAME OF SUBMITTER: Terre L. Robertson

Total Attachments: 2

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REEL: 022544 FRAME: 0773

PATENT 500834461

ASSIGNMENT

Serial No: 12/296,518 (U.S. National Phase of PCT/JP2007/056886)

Filed: October 8, 2008

Title: A LUBI

A LUBRICANT COMPOSITION FOR HOT METAL WORKING AND METHOD OF HOT METAL WORKING USING THE SAME

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned TAKARA STANDARD CO., LTD, 1-2-1, Shigino-higashi, Joto-ku, Osaka-shi, Osaka, 536-8536 JAPAN herein assigns to SUMITOMO METAL INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 JAPAN (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, and in said application and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned hereby authorizes and requests that the attorneys of record in said application insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent

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31460/44182

WITNESS my hand this

24 day of December, 2008.

FOR: TAKARA STANDARD CO., LTD.

Witnesses:

Shuichi akiyama

Name: Koichi ARITO

Title: General: Manager

Name: Shuichi AKIYAMA

be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this

assignment and sale had not been made.

RECORDED: 04/14/2009

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