

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TETSUYA YAGAMI	06/17/2015
TOSHIYA TERAMAE	07/17/2015
ETSUO FUJITA	06/12/2015
SHINYA NAGAO	07/03/2015
REMI MUKOUSE	06/11/2015
NAOYUKI IWASA	06/11/2015
TSUYOSHI FUKUI	07/03/2015
CHUYA AOKI	06/19/2015
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14778021
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DATE SIGNED:	09/18/2015
Total Attachments: 10 source=5576296Assn#page1.tif source=5576296Assn#page2.tif source=5576296Assn#page3.tif source=5576296Assn#page4.tif source=5576296Assn#page5.tif source=5576296Assn#page6.tif source=5576296Assn#page7.tif source=5576296Assn#page8.tif source=5576296Assn#page9.tif source=5576296Assn#page10.tif	

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Tetsuya Yagami**, a citizen of Japan, having a mailing address of c/o Yokohama Research Laboratory, HITACHI, LTD., 292 Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 2440817 Japan; **Toshiya Teramae**, a citizen of Japan, having a mailing address of c/o Yokohama Research Laboratory, HITACHI, LTD., 292 Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 2440817 Japan; **Etsuo Fujita**, a citizen of Japan, having a mailing address of c/o Yasugi Works, HITACHI METALS, LTD., 2107-2 Yasugi-cho, Yasugi-shi, Shimane 6928601 Japan; **Shinya Nagao**, having a mailing address of c/o Yasugi Works, HITACHI METALS, LTD., 2107-2 Yasugi-cho, Yasugi-shi, Shimane 6928601 Japan; **Remi Mukouise**, having a mailing address of c/o Yokohama Research Laboratory, HITACHI, LTD., 292 Yoshida-cho, Totsuka-ku, Yokohama-shi, Kanagawa 2440817 Japan; **Naoyuki Iwasa**, having a mailing address of c/o Yasugi Works, HITACHI METALS, LTD., 2107-2 Yasugi-cho, Yasugi-shi, Shimane 6928601 Japan; **Tsuyoshi Fukui**, having a mailing address of c/o Yasugi Works, HITACHI METALS, LTD., 2107-2 Yasugi-cho, Yasugi-shi, Shimane 6928601 Japan; and **Chuya Aoki**, having a mailing address of c/o Metallurgical Research Laboratory, HITACHI METALS, LTD., Yasugi-cho, Yasugi-shi, Shimane 6928601 Japan; and

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in **MANUFACTURING METHOD FOR MATERIAL FOR RING ROLLING** for which PCT International Application No. PCT/JP2014/057250 was filed on March 18, 2014 and U.S. Application No. 14/778,021 (We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert application number here in) was filed on 09/17/2015 in the United States Patent and Trademark Office; and

WHEREAS, **HITACHI METALS, LTD.**, a Japanese organization, having a principal place of business at 2-1, Shibaura 1-chome, Minato-ku, Tokyo 1058614 Japan, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by

these presents do hereby sell, assign, transfer and convey unto said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application(s), and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 17 day of
June, 2015.
Tetsuya Yagami (SEAL)
Tetsuya Yagami

Witnessed by:

Makoto Akai

Date: 17 June 2015


IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 17 day of
July, 2015.

Toshiya Teramae (SEAL)
Toshiya Teramae

Witnessed by:

Eiji Sakamoto

Date: 17/7/2015

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 12 day of
June, 2015.
 (SEAL)
Etsuo Fujita

Witnessed by:

Shigeki Matsushita

Date: Jun. 12. 2015

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 3 day of
July, 2015.

Shinya Nagao (SEAL)
Shinya Nagao

Witnessed by:

Shohei Sasaki

Date: July, 3, 2015

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 11 day of
June, 2015.

Remi Mukouse (SEAL)
Remi Mukouse

Witnessed by: .

Eiji Sakamoto

Date: 11. 6. 2015

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 11 day of
June, 2015.

Naoyuki Iwasa (SEAL)
Naoyuki Iwasa

Witnessed by:

Shiroki Mitunaga

Date: June 11 2015

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 3 day of

July, 2015.

Tsuyoshi Fukui (SEAL)
Tsuyoshi Fukui

Witnessed by:

Hiroaki Mitsuhashi

Date: July, 3, 2015.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 19 day of
June, 2015.

Chuya Aoki (SEAL)
Chuya Aoki

Witnessed by:

Shinichi Kobayashi

Date: 19 day of June 2015