

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																																		
NATURE OF CONVEYANCE:	ASSIGNMENT																																		
CONVEYING PARTY DATA																																			
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PROPERTY NUMBERS Total: 1																																			

501890877

PATENT
 REEL: 028059 FRAME: 0310

OP \$40.00 13448770

Property Type	Number
Application Number:	13448770

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	Q130476
NAME OF SUBMITTER:	Alexandra Hamilton - Teams Specialist

Total Attachments: 4
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ASSIGNMENT

Whereas, I/we

Satoru OHSAKI, Kazuhiro MIKI, Tsukasa AZUMA, Koji KAJIKAWA and Shigeru SUZUKI,
all of Hokkaido, Japan, and

Masayuki YAMADA of Yokohama-shi, Kanagawa, Japan

Itaru MURAKAMI

of Bunkyo-ku, Tokyo, Japan,

Kenichi OKUNO, Liang YAN, Reki TAKAKU, Akihiro TANIGUCHI, Tetsuya YAMANAKA,

Makoto TAKAHASHI, Kenichi IMAI and Osamu WATANABE,

all of Yokohama-shi, Kanagawa, Japan, and

Joji KANEKO

of Ota-ku, Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in

LOW ALLOY STEEL FOR GEOTHERMAL POWER GENERATION TURBINE ROTOR, AND
LOW ALLOY MATERIAL FOR GEOTHERMAL POWER GENERATION TURBINE ROTOR AND
METHOD FOR MANUFACTURING THE SAME

and executed an application for Letters Patent of the United States of America therefor on

February 21, 2012
February 20, 2012; and February 23, 2012
March 1, 2012
March 5, 2012

Whereas,

THE JAPAN STEEL WORKS, LTD.,

11-1, Osaki 1-chome, Shinagawa-ku, Tokyo 141-0032 Japan

and

KABUSHIKI KAISHA TOSHIBA

1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date:

s/ _____
Satoru OHSAKI

Date:

s/ _____
Kazuhiro MIKI

PATENT

REEL: 028059 FRAME: 0312

Date: March 28, 2012 s/ Tsukasa Azuma
Tsukasa AZUMA

Date: March 28, 2012 s/ Koji Kajikawa
Koji KAJIKAWA

Date: March 28, 2012 s/ Shigeru Suzuki
Shigeru SUZUKI

Date: s/ _____
Masayuki YAMADA

Date: s/ _____
Itaru MURAKAMI

Date: s/ _____
Kenichi OKUNO

Date: s/ _____
Liang YAN

Date: s/ _____
Reki TAKAKU

Date: s/ _____
Akihiro TANIGUCHI

Date: s/ _____
Tetsuya YAMANAKA

Date: s/ _____
Makoto TAKAHASHI

Date: s/ _____
Kenichi IMAI

Date: s/ _____
Osamu WATANABE

Date: s/ _____
Joji KANEKO

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

ASSIGNMENT

Whereas, I/we

Satoru OHSAKI, Kazuhiro MIKI, Tsukasa AZUMA, Koji KAJIKAWA and Shigeru SUZUKI,
all of Hokkaido, Japan, and

Masayuki YAMADA of Yokohama-shi, Kanagawa, Japan

Itaru MURAKAMI

of Bunkyo-ku, Tokyo, Japan,

Kenichi OKUNO, Liang YAN, Reki TAKAKU, Akihiro TANIGUCHI, Tetsuya YAMANAKA,

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Date: March 28, 2012

s/ Satoru Ohsaki
Satoru OHSAKI

Date: March 28, 2012

s/ Kazuhiro Miki
Kazuhiro MIKI

PATENT

REEL 028059 FRAME: 0314

Date: s/ _____
Tsukasa AZUMA

Date: s/ _____
Koji KAJIKAWA

Date: s/ _____
Shigeru SUZUKI

Date: Feb. 20, 2012 s/ Masayuki Yamada
Masayuki YAMADA

Date: Feb. 21, 2012 s/ Itaru Murakami
Itaru MURAKAMI

Date: Feb. 23, 2012 s/ Kenichi Okuno
Kenichi OKUNO

Date: Feb. 20, 2012 s/ Liang YAN
Liang YAN

Date: Feb. 20, 2012 s/ Reki Takaku
Reki TAKAKU

Date: Feb. 23, 2012 s/ Akihiro Taniguchi
Akihiro TANIGUCHI

Date: Mar. 1, 2012 s/ Tetsuya Yamanaka
Tetsuya YAMANAKA

Date: Feb. 23, 2012 s/ Makoto Takahashi
Makoto TAKAHASHI

Date: Mar. 5, 2012 s/ Kenichi Imai
Kenichi IMAI

Date: Feb. 20, 2012 s/ Osamu Watanabe
Osamu WATANABE

Date: Feb. 21, 2012 s/ Joji Kaneko
Joji KANEKO

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