504188640 01/20/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KANAME ARAKI	01/01/2016
EIJI TAKAHASHI	01/01/2016
TSUYOSHI ASHIDA	01/01/2016
SHUGO TAKAKI	01/01/2016
YASUHARU MATSUMOTO	01/01/2016

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)
Street Address:	2-4, WAKINOHAMA-KAIGANDORI 2-CHOME, CHUO-KU, KOBE-SHI
City:	HYOGO
State/Country:	JAPAN
Postal Code:	651-8585

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15327831

CORRESPONDENCE DATA

Fax Number: (703)390-1277

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703 390 9051

Email: info@sbpatentlaw.com

Correspondent Name: STUDEBAKER & BRACKETT PC Address Line 1: 12700 SUNRISE VALLEY DRIVE

Address Line 2: SUITE 102

Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	742421-KS0041
NAME OF SUBMITTER:	DONALD R. STUDEBAKER
SIGNATURE:	/Donald R. Studebaker/
DATE SIGNED:	01/20/2017

Total Attachments: 2

PATENT REEL: 041026 FRAME: 0968

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> PATENT REEL: 041026 FRAME: 0969

ASSIGNMENT OF APPLICATION

WHEREAS I (WE) KANAME ARAKI of c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd. 5-5, Takatsukadai

1-chome. Nishi-ku. Kobe-shi. Hyogo 651-2271 Japan , EUI TAKAHASHI of c/o Kobe Corporate Research Laboratories in Kobe

Steel, Ltd. 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan TSUYOSHI ASHIDA of c/o Kobe Corporate

Research Laboratories in Kobe Steel, Ltd. 5-5, Takatsukadai 1-chome. Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan , SHUGO

TAKAKI of c/o Takasago Works in Kobe Steel, Ltd. 3-1, Shinhama 2-chome, Arai-cho, Takasago-shi, Hvogo 676-8670 Japan,

YASUHARU MATSUMOTO of c/o Takasago Works in Kobe Steel, Ltd. 3-1, Shinhama 2-chome, Arai-cho, Takasago-shi,

Hyogo 676-8670 Japan, respectively, have invented certain new and useful improvements in:

ROTATING MACHINE ABNORMALITY DIAGNOSIS DEVICE, ROTATING MACHINE

ABNORMALITY DIAGNOSIS METHOD, AND ROTATING MACHINE

(Application No. 15/327,831 filed January 20, 2017 Land

WHEREAS, Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) having a place of business at: 2-4. Wakinohama-Kaigandori

2-chome. Chuo-ku. Kobe-shi. Hvogo. 651-8585, Japan. (hereinafter referred to as "ASSIGNEE") is/are desirous of acquiring the

entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United

States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged,

and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full

and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire

right, title and interest in and to any and all Letters Patent which may be granted therefore in the United States and its territorial

possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and

renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and

all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignce of my (our) entire

right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full

end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had

this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to rue (us)

respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute,

renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to

said ASSIGNEE, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its (his) successors and

assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and

all foreign countries.

The undersigned hereby grant(s) the firm of Studebaker & Brackett, PC of 12700 Sunrise Valley Drive, Suite 102

Reston, Virginia 20191U.S.A. the power to insert on this assignment any further identification, including the application number

and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark

Office for recordation of this document.

PATENT

REEL: 041026 FRAME: 0970

Date January 1, 2016	だ人 子、 KANAME ARAKI
Date January 1, 2016	高最 某二 EUI TAKAHASHI
Date January 1, 2016	芝田 強 TSUYOSHI ASHIDA
Date January 1, 2016	高大秀园小 SHUGO TARAKI
Date January 1, 2016	7公本条约

PATENT REEL: 041026 FRAME: 0971