

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MASAKI MATSUKUMA	09/01/2016
HIROKI SARUTA	09/01/2016
KANAMI SAKAMOTO	09/01/2016
MASATAKE TOSHIMA	09/01/2016
YOHEI KUBO	09/01/2016
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:	15568676
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SIGNATURE:	/Donald R. Studebaker/
DATE SIGNED:	10/23/2017
Total Attachments: 3	

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ASSIGNMENT OF APPLICATION

WHEREAS I (WE) MASAKI MATSUKUMA of c/o Takasago Works in Kobe Steel, Ltd. 3-1, Shinhamma 2-chome, Arai-cho, Takasago-shi, Hyogo 676-8670 Japan, HIROKI SARUTA of c/o Takasago Works in Kobe Steel, Ltd. 3-1, Shinhamma 2-chome, Arai-cho, Takasago-shi, Hyogo 676-8670 Japan, KANAMI SAKAMOTO of c/o Takasago Works in Kobe Steel, Ltd. 3-1, Shinhamma 2-chome, Arai-cho, Takasago-shi, Hyogo 676-8670 Japan, MASATAKE TOSHIMA of c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd. 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan, YOHEI KUBO of c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd. 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan, respectively, have invented certain new and useful improvements in:

COMPRESSED AIR ENERGY STORAGE AND POWER GENERATION METHOD AND APPARATUS

(Application No. 15/568,676 , filed October 23, 2017)and

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, Hyogo. 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 assignee 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 me (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 8255 Greensboro Drive, Suite 300 Tysons VA 22102 U.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

recording of this document.

Date September 1, 2016

松隈正樹
MASAKI MATSUKUMA

Date September 1, 2016

猿田若樹
HIROKI SARUTA

Date September 1, 2016

坂本佳直美
KANAMI SAKAMOTO

Date September 1, 2016

戸島正剛
MASATAKE TOSHIMA

Date September 1, 2016

久保洋平
YOHEI KUBO

Date _____

Date _____

Date _____

Date _____