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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):

KAZUO TAKAHASHI AND HIROMIKI YAGIAdditional names of conveying parties attached: ☐ Yes ☒ No

2. Name and Address of Receiving Party(ies):

Name: **Kabushiki Kaisha Kobe Seiko Sho**
Address: **10-26, Wakinohama-cho 2-chome**
City: **Chiyoda-ku, Kobe-shi, Hyogo 651-8585**
Japan

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: **April 1, 2006**

4. (a) Patent Application Number(s):

If this document is being filed together with a new application, the execution date of the application is:

☐ Additional Numbers Attached.

4. (b) Patent Numbers:

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: **Stanley P. Fisher**

Address: **Reed Smith LLP**
3110 Fairview Park Dr.
Suite 1400
Falls Church, VA. 22042

6. Total Number of Applications and Patents Involved: 1

7. Total Fee: **\$40.00**
(37 C.F.R. § 3.41)

- ☒ Enclosed.
☒ Authorized to be charged to deposit account.

8. Deposit Account Number: **08-1480**

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9. Statement and Signature:

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Stanley P. Fisher, Registration No. 24, 344



July 20, 2006
Juan Carlos A. Marquez, Registration No. 34,072

Total number of pages comprising cover sheet: 1

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PATENT
REEL: 018117 FRAME: 0317

882102-001

ASSIGNMENT OF APPLICATION

WHEREAS I (WE) Kazuo TAKAHASHI and Iiromiki YAGI 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:

HEAT-STORAGE UNIT AND OPERATION METHOD OF HEAT-STORAGE UNIT

for which an application for Letters Patent was executed on April 1, 2006 (Application No. _____), and
filed _____), and

WHEREAS, Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.) having a place of business at: 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan (hereinafter referred to as "ASSIGNEE") is 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 present: 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 REED SMITH LLP of 3110 FAIRVIEW PARK DR.SUITE 1400 FALLS CHURCH,VIRGINIA 22042U.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.

Date April 1, 2006

Date April 1, 2006

高橋 和雄
Kazuo TAKAHASHI

八木 博幹
Hiromiki YAGI