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Toshihiro KUGIMIYA, Katsutoshi TAKAGI,
Hitoshi MATSUZAKI, Kotaro KITASHITA and
Yoichiro YONEDAAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

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

Execution Date: December 1, 2005

2. Name and address of receiving party(ies):

1) KABUSHIKI KAISHA KOBE SEIKO SHO
 Name: (Kobe Steel, Ltd.)
 2) KOBELCO RESEARCH INSTITUTE, INC.
 Address: 1) 10-26, Wakinohama-cho 2-chome, Chuo-ku,
 Kobe-shi, Hyogo 651-8585, Japan
 2) 1-5-1, Wakinohama-kaigan-dori, Chuo-ku,
 Kobe-shi, Hyogo 651-0073, Japan

Additional name(s) and address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

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PATENT

REEL: 017671 FRAME: 0575

Assignment of Application

WHEREAS, I (WE) Toshihiro KUGIMIYA and Katsutoshi TAKAGI of c/o Kobe Corporate Research Laboratories in
Kobe Steel, Ltd. 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan
Hitoshi MATSUZAKI, Kotaro KITASHITA and Yoichiro YONEDA of c/o Takasago Works in
Kobe Steel, Ltd. 3-1, Shinhama 2-chome, Arai-cho, Takasago-shi, Hyogo 676-8670 Japan

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

, respectively,

have invented certain new and useful improvements in: Al-Ni-RARE EARTH ELEMENT ALLOY SPUTTERING
TARGET

(Application No. _____, filed _____), and

KABUSHIKI KAISHA KOBE SEIKO SHO also known as Kobe Steel, Ltd. and KOBELCO

WHEREAS, RESEARCH INSTITUTE, INC.

(hereinafter referred to as "ASSIGNEE") having a place of business at: 10-26, Wakinohama-cho 2-chome, Chuo-ku,
Kobe-shi, Hyogo 651-8585 Japan and 1-5-1, Wakinohama-kaigan-dori, Chuo-ku, Kobe-shi, Hyogo 651-0073 Japan 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 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 therefor 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 behoof 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.

06/04

INSERT TITLE OF
INVENTION

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

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 Letter 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 Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 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: December 1, 2005

釘宮 敏洋
(Signature of Inventor) Toshihiro KUGIMIYA

Date: December 1, 2005

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(Signature of Inventor) Katsutoshi TAKAGI

Date: December 1, 2005

Hitoshi Matsuzaki
(Signature of Inventor) Hitoshi MATSUZAKI

Date: December 1, 2005

喜多下 幸太郎
(Signature of Inventor) Kotaro KITASHITA

Date: December 1, 2005

米田 陽一郎
(Signature of Inventor) Yoichiro YONEDA

Date: _____

(Signature of Inventor)

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RECORDED: 01/30/2006

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