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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):
Kimio UCHIDA and Masahiro TAKAHASHI
MRD 3-15-99
Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
Name:
NITACHI METALS, LTD.
Internal Address:
1-2 Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan
Street Address:
Same as above
City State Zip

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: March 1, 1999

Additional name(s) & address(es) attached?
 yes no

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s) | B. Patent No.(s).
09/209,426 |
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, NION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202
03/24/1999 DNGUYEN 00000088 09209426
01 FC 581 40.00 DP

6. Total number of applications and patents involved:
One (1)
7. Total Fee (37 CFR 3.41): \$ 40.00
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Name Waddell A. Siggart Reg. No. 24,861 Date March 15, 1999
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PATENT
REEL: 9832 FRAME: 0619

ASSIGNMENT

Whereas, I/We, **Kimio UCHIDA** of 3617-16 Shichihongi, Kamisato-machi, Kodama-gun, Saitama-ken, Japan and **Masahiro TAKAHASHI** of #3-301, 1-65 Beppu, Kumagaya-shi, Saitama-ken, Japan hereinafter called assignor(s), have invented certain improvements in Rare Earth Permanent Magnet and Production Method Thereof and executed an application for Letters Patent of the United States of America therefor on

March 1, 1999; and

Whereas, **Hitachi Metals, Ltd.** of 1-2 Marunouchi 2-chome, Chiyoda-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 Commissioner of Patents 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 attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/209,426, filed December 11, 1998) the filing date and application number of said application when known.

Date: March 1, 1999

Kimio Uchida

Kimio UCHIDA

Date: March 1, 1999

Masahiro Takahashi

Masahiro TAKAHASHI

RECORDED: 03/15/1999

PATENT
REEL: 9832 FRAME: 0620