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OMB No. 0651-0027 (exp. 5/31/2002) Docket No. To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Hirokazu KANEKIYO Name: Sumitomo Special Metals Co., Ltd._ 8-60) Toshio MIYOSHI Satoshi HIROSAWA Internal Address: 4-7-19, Kitahama, Chuo-ku Yasutaka SHIGEMOTO Osaka-shi, Osaka 541-0041 JAPAN Yusuke SHIOYA Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No Street Address: 4-7-19, Kitahama, Chuo-ku 3. Nature of conveyance: **E** Assignment ☐ Merger Osaka-shi ☐ Security Agreement ☐ Change of Name City: Osaka ____ State: Zip: ☐ Other Country: Japan Postal Code: 541-0041 Execution Date: June 22; June 25 and June 28, 2001 Additional name(s) & address(es) attached? \(\subseteq \) Yes \(\subseteq \) 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: Patent Application No.(s) B. Patent No.(s) 09/863,902 Additional numbers attached?

Yes

No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41)\$40.00 Name: Jeffrey L. Costellia Enclosed Internal Address: Nixon Peabody LLP ☐ Authorized to be charged to deposit account 8. Deposit account number: Street Address: 8180 Greensboro Drive, 19-2380 Suite 800 City: McLean State: VA Zip: 22102 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Jeffrey L. Costellia August 1, 2001 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and documents: 3 Mail documents to be recorded with required covering TIPICATEOF MAILING Commissioner of Patents & Trademarks, Box Assignment

08/10/2001 GTOM11 00000163 09863902 01 FC:581 40.00 OP

Washington, D.C. 2023

correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington,

D.C. 20231, on 5/1/2014 PARI # 1901/C/

NVA191259.1

REEL: 012053 FRAME: 0528

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Attorney	Docket	No
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ASSIGNMENT

WHEREAS, Hirokazu KANEKIYO, Toshio MIYOSHI, Satoshi HIROSAWA, Yasutaka SHIGEMOTO and Yusuke SHIOYA (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in PERMANENT MAGNET INCLUDING MULTIPLE FERROMAGNETIC PHASES AND METHOD FOR PRODUCING THE MAGNET for which an application for Letters Patent of the United States of America was filed on May 24, 2001, and assigned Serial No. 09/863,902, and;

WHEREAS, SUMITOMO SPECIAL METALS CO., LTD. of 4-7-19, Kitahama, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

PATENT REEL: 012053 FRAME: 0529 The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby convenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Nixon Peabody LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

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Date	June 22, 200/	, Name of Inventor	Hirokazu Kanekiyo Hirokazu KANEKIYO	(SEAL)		
Date	June 25, 2001	, Name of Inventor	Toshio Miyoshi Toshio MIYOSHI	(SEAL)		
Date	June 25, 2001	, Name of Inventor	Satoshi Hirosawa Satoshi HIROSAWA	(SEAL)		
Date	June 25, 200/	, Name of Inventor	Yasutakee Shigsmoto Yasutaka SHIGEMOTO	(SEAL)		
Date	June 25, 2001	, Name of Inventor	Ynsuke Shioya Yusuke SHIOYA	(SEAL)		
(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who should sign here.)						
Witnes	(name)	(sign	ature)	_		
Witnes	(name)	(sign	ature)			

RECORDED: 08/06/2001

PATENT REEL: 012053 FRAME: 0530