U.S. PATENT AND TRADEMARK OFFICE 10-16-2002 Form PTO-1595 RECOF 102250291 To the Honorable Commissioner of Patents and Trademarks: Please reco. Name of conveying party(ies): Hirokazu KANEKIYO and Satoshi 2. Name and address of receiving party(ies): **HIROSAWA** Name: SUMITOMO SPECIAL METALS CO., LTD. Address: 4-7-19, Kitahama, Chuo-ku, Osaka-shi, Osaka 541-Additional name(s) of conveying party(ies) attached? ☐ yes ☑no 0041, Japan (2b.) 3. Name of Conveyance: Name Address: Assignment Merger Security Agreement Change of Name Additional name(s) & address(es) attached? □yes 図no Other\_ Execution Date: June 3, 2002 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: B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached yes •□no 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: one document should be mailed: Name: Joseph R. Keating, Esq. Internal Address: KEATING & BENNETT LLP 7. Total fee (37 CFR 3.41):.....\$ 40.00\_ Street Address: 10400 Eaton Place, Suite 312 City: Fairfax State: VA ZIP 22030 Enclosed Authorized to be charged to credit card with Credit Card Payment Form (PTO-2038) Authorized to be charged to deposit account 8. Deposit account number: 50-1353 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing internation is true and correct and any attached copy is a true copy of the original document. August 5, 2002 Joseph R. Keating, Reg. No. 37,368 Signature Name of Person Signing Total number of pages comprising cover sheet, attachments and document: 2

> Assistant Commissioner for Patents Box Assignment Washington, D.C. 20231

Mail documents to be recorded with required cover sheet information to:

PATENT REEL: 013374 FRAME: 0401

Attorney Docket No.: 60303.

## ASSIGNMENT (WORLDWIDE)

WHEREAS, We, Hirokazu KANEKIYO and Satoshi HIROSAWA (hereinafter referred
to as ASSIGNOR), have invented and own a certain invention entitled METHOD OF MAKING
MATERIAL ALLOY FOR IRON-BASED RARE EARTH MAGNET for which application for
Letters Patent of the United States has been

_X	executed on e	ven date herewith;
	filed on	as Serial No

WHEREAS, SUMITOMO SPECIAL METALS CO., LTD. 4-7-19, Kitahama, Chuo-ku, Osaka-shi, Osaka 541-0041, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: June 3. 2002 Hirokazu KANEKIYO

RECORDED: 08/05/2002

Dated: June 3, 2002. Satoshi Hirosawa

PATENT REEL: 013374 FRAME: 0402