

12-11-98



DED/3061/17

To the Hon. Commissioner of Pat

100928280

Attached original documents or copy thereof.

1. Name of conveying party(ies):

KATSUMI, Kenichi and MINOMA Takehisa

Additional name(s) of conveying party(ies) attached:  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: November 30, 1998

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

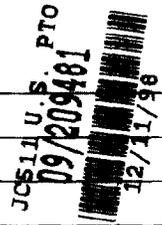
Name: Shin-Etsu Chemical Co., LTD.

Internal Address: \_\_\_\_\_

Street Address: 6-1, Ohtemachi 2-chome, Chiyoda-ku

City: Tokyo Country: JAPAN

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: November 30, 1998

A. Patent Application No(s).

09/209481

B. Patent No(s).

Additional numbers attached?  Yes  No

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

Name: Dougherty & Troxell

Internal Address: \_\_\_\_\_

Street Address: 5203 LEESBURG PIKE

TWO SKYLINE PLACE, SUITE 600

City: FALLS CHURCH State: VA ZIP: 22041-3401

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)-----\$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit Account Number:

04-1447

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

12/18/1998 DBUTLER 00000002 09209481

OR FCs581 ment and signature. 40.00 GP

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.

David E. Dougherty  
Name of Person Signing  
Reg. No. 19,576

December 11, 1998  
Date

Total number of pages including cover sheet, attachments and document:  3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments, Washington, D. C. 20231

# ASSIGNMENT

WHEREAS, I (we),  
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful improvements in

RARE EARTH-BASED PERMANENT MAGNET OF HIGH CORROSION RESISTANCE  
(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

- executed on even date herewith
- executed on: \_\_\_\_\_
- filed on: \_\_\_\_\_ Serial No.: \_\_\_\_\_
- established by PCT International Patent Application No.: \_\_\_\_\_ filed: \_\_\_\_\_

WHEREAS, Shin-Etsu Chemical Co., Ltd.  
whose post office address is 6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, Japan  
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world:

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

<i>Assignor Name</i> Kenichi KATSUMI	<i>Address</i> c/o Shin-Etsu Chemical Co., Ltd 1-5, Kitago 2-chome, Takefu-shi Fukui-ken, Japan
<i>Where Signed</i> Fukui-ken, Japan	<i>Signature</i> <i>Kenichi Katsumi</i>
<i>Date</i> 11 / 30 / 1998	(Notarization preferred but not required)
_____ ss.	
Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____.	
_____ Notary Public	
My Commission Expires: _____	

# ASSIGNMENT

Page \_\_\_\_\_

<i>Assignor Name</i> Takehisa MINOWA	<i>Address</i> c/o Shin-Etsu Chemical Co., Ltd., 1-5, Kitago 2-chome, Takefu-shi, Fukui-ken, Japan
<i>Where Signed</i> Fukui-ken, Japan	
<i>Date</i> 11/30/1998	<i>Signature</i> <i>Takehisa - Minowa</i>
(Notarization preferred but not required)	
_____ ss. _____ Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____.	
_____ <i>Notary Public</i> My Commission Expires: _____	

<i>Assignor Name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
(Notarization preferred but not required)	
_____ ss. _____ Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____.	
_____ <i>Notary Public</i> My Commission Expires: _____	

<i>Assignor Name</i>	<i>Address</i>
<i>Where Signed</i>	
<i>Date</i>	<i>Signature</i>
(Notarization preferred but not required)	
_____ ss. _____ Before me personally appeared said _____ and acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 19____.	
_____ <i>Notary Public</i> My Commission Expires: _____	