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IAP11 Rec'd PCT/PTO 14 AUG 2006

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Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: XX New

Conveyance type: XX Assignment

| Conveying Party(ies): | | (Last, First, Middle Initial) | Execution Date |
|-----------------------|-------|-------------------------------|----------------|
| First party | Name: | HIROTA, Koichi | May 17, 2006 |
| Second party | Name: | MINOWA, Takehisa | May 17, 2006 |
| Third party | Name: | | |
| Fourth party | Name: | | |
| Fifth party | Name: | | |

Additional name(s) of conveying party(ies) attached? Yes ___ No XX

Receiving Party (ies):

First party Name: **Shin-Etsu Chemical Co., Ltd.**
 Address: 6-1, Otemachi 2-chome, Chiyoda-ku,
 Tokyo 100-0004 Japan

Additional name(s) & address (es) attached? Yes ___ No XX

Domestic Representative Name and Address (Enter for the first Receiving Party only)

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
 1250 Connecticut Avenue, N.W., Suite 700
 Washington, D.C. 20036
 Customer No.: 38834

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Correspondent Name and Address

Telephone: 202-822-1100

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
1250 Connecticut Avenue, N.W., Suite 700
Washington, D.C. 20036

Pages Enter the total number of pages of the attached conveyance document: 1
(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes _____ No XX

A. Patent Application No.(s) B. Patent No.(s)

XX

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: May 17, 2006
(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)

PCT _____

Enter PCT application number only if

PCT PCT/JP2005/011241

a U.S. Application Number has not been assigned

PCT _____

Number of Properties Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41). \$40.00

XX Enclosed

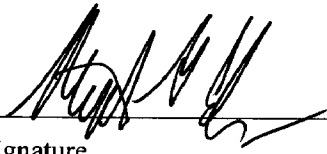
_____ Authorized to be charged to Deposit Account No.: 50-2866

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.

Stephen G. Adrian _____

Name of Person Signing



Signature

August 14, 2006 _____

Date

32,878 _____

Registration No.

Rev. 11/00

SGA/yap

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's Name(s) Address(es))

**Shin-Etsu Chemical Co., Ltd. of
6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

R-FE-B BASED RARE EARTH PERMANENT MAGNET MATERIAL

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent 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, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

| | | |
|---------------------------------------|---------------------------------------|-----------------------------|
| <u>Koichi Hirota</u> (Signature) | <u>Koichi HIROTA</u> (Type Name) | <u>05/17/2006</u> (Date) |
| <u>Takehisa Minowa</u> (Signature) | <u>Takehisa MINOWA</u> (Type Name) | <u>05/17/2006</u> (Date) |
| _____ (Signature) | _____ (Type Name) | _____ (Date) |
| _____ (Signature) | _____ (Type Name) | _____ (Date) |
| _____ (Signature) | _____ (Type Name) | _____ (Date) |
| _____ (Signature) | _____ (Type Name) | _____ (Date) |

NO LEGALIZATION REQUIRED