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Attorney Dkt. No.: 035576/287194

Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Dai Higuchi

Execution Date(s): 01/12/05,

Additional name(s) of conveying party(ies) attached?

Yes ☐ No ☒

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

Shin-Etsu Chemical Co., Ltd.
6-1, Otemachi 2-chome
Chiyoda-ku, Tokyo
JAPAN

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
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Assignment at Reel _____, Frame _____
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4. Patent Application No.(s)

11/038,857

Patent No.(s)

☐ This document is being filed together with a new application.Additional numbers attached? Yes ☐ No ☒

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

ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000

6. Total number of applications and patents involved:

1

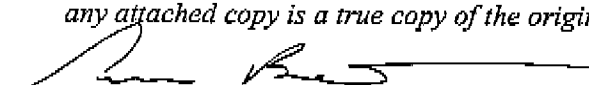
7. Total fee (37 CFR 3.41) \$40.00

- ☐ Enclosed
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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.*


Name of Person Signing: Timothy J. Balts
Reg. No. 51,429

March 24, 2005

Date

Total number of pages including cover sheet, attachments, and document: 2

USPTO Fax Number for New Assignments (703) 306-5995

CH \$40.00 160605 11038857

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PATENT
REEL: 015959 FRAME: 0448

ASSIGNMENT

WHEREAS: Dai HIGUCHI of c/o Magnetic Materials Research & Development Center, SHIN-ETSU CHEMICAL CO., LTD., 1-5, Kitago 2-chome, Takefu-shi, Fukui-ken, Japan (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

PERMANENT MAGNET TYPE MAGNETIC FIELD GENERATING APPARATUS

for which application for United States Letters Patent identified as Appln. No. 11/038,857 filed 01/20/2005 has been executed on the 12th day of January, 2005, and,

WHEREAS: SHIN-ETSU CHEMICAL CO., LTD., a corporation duly organized under and pursuant to the laws of JAPAN and having its principal place of business at 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, JAPAN (hereinafter referred to as "ASSIGNEE"), has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

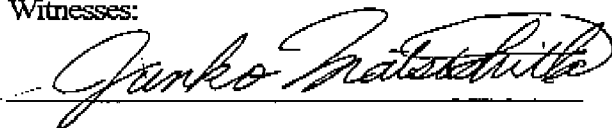
ASSIGNOR hereby covenants that no assignment, sale, agreement of encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.

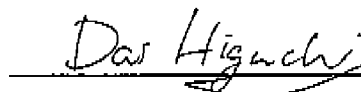
And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to said ASSIGNEE.

IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal this 12th day of January, 2005

Witnesses:



ASSIGNOR:



Dai HIGUCHI