

12/084015

IAP17 Rec'd PCT/PTO 22 APR 2008

52433/944

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

05-02-2008

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RE



103500261

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

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

Satoru ITO, Hitoshi NAKAMURA, Taijiro MATSUI, and Michio NITTA

Execution Date(s) March 27, 2008Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

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

Internal Address: _____

Street Address: 6-3, Otemachi 2-chomeChiyoda-kuCity: Tokyo

State: _____

Country: JapanZip: 100-8071Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

04/25/2008 GFREY1 00000013 110600 12084015

04 FC:8021 40.00 DA

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: John J. Kelly, Jr.

Internal Address: _____

KENYON & KENYON LLPStreet Address: ONE BROADWAYCity: NEW YORKState: NEW YORKZip: 10004Phone Number: 212-425-7200Fax Number: 212-425-5288

Email Address: _____

6. Total number of applications and patents involved:

01

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 11-0600Authorized User Name Kenyon & Kenyon LLP**9. Signature:**John J. Kelly, Jr.
Signature

April 22, 2008

Date

John J. Kelly, Jr. (Reg. No. 29,182)

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Express Mail No.: EM 095 046 084 US

PATENT
REEL: 020900 FRAME: 0857

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))

NIPPON STEEL CORPORATION

6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071, 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)

CASTABLE REFRACTORY

relating to International Patent Application PCT/JP 2006 / 322046 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

- (Insert date
of execution
of application,
if not
concurrent)
- (a) executed on _____;
- (b) filed on _____.
- Serial No. _____/_____;

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

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

(Signatures)

- | | | |
|---|--|---------------------------------|
| 1) <u>Satoru Ito</u>
(SIGNATURE) | <u>Satoru Ito</u>
(TYPE NAME) | <u>March 27, 2008</u>
(DATE) |
| 2) <u>Hitoshi Nakamura</u>
(SIGNATURE) | <u>Hitoshi Nakamura</u>
(TYPE NAME) | <u>March 27, 2008</u>
(DATE) |
| 3) <u>Taijiro Matsui</u>
(SIGNATURE) | <u>Taijiro Matsui</u>
(TYPE NAME) | <u>March 27, 2008</u>
(DATE) |
| 4) <u>Michio Nitta</u>
(SIGNATURE) | <u>Michio Nitta</u>
(TYPE NAME) | <u>March 27, 2008</u>
(DATE) |
| 5) _____
(SIGNATURE) | _____
(TYPE NAME) | _____
(DATE) |
| 6) _____
(SIGNATURE) | _____
(TYPE NAME) | _____
(DATE) |
| 7) _____
(SIGNATURE) | _____
(TYPE NAME) | _____
(DATE) |
| 8) _____
(SIGNATURE) | _____
(TYPE NAME) | _____
(DATE) |

EM 095 046 084 US

PATENT

RECORDED: 04/22/2008

REEL: 020900 FRAME: 0858