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U.S. Department of Commerce  
Patents & Trademark Office

Attorney Docket No. 027667-00011  
Date: April 19, 2007

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):

Atsushi HATTORI  
Takashi KANO

Execution Date(s): March 20, 2007

Additional 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: DAIDO STEEL CO., LTD.

Address: 1-10, Higashisakura 1-chome, Higashi-ku  
Nagoya, Aichi, 461-8581 JAPAN

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)  
New Application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Arent Fox PLLC

Street Address: 1050 Connecticut Avenue, N.W., Suite 400  
Washington, D.C. 20036-5339

Tel. No.: 202-857-6000

Fax No.: 202-638-4810

Email Address: dcipdocket@arentfox.com

6. Total number of applications and patents involved: One

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

- ☒ Included in attached check.  
☐ Authorized to be charged by credit card.  
☐ Authorized to be charged to Deposit Account.  
☒ Any additional fees are authorized to be charged to deposit account.

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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.

Charles M. Marmelstein

Name of Person Signing  
Reg. No. 25,895

Signature

April 19, 2007

Date

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

01 FC:8021

40.00 DP

PATENT  
REEL: 019275 FRAME: 0891

# U.S. ASSIGNMENT

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

DAIDO STEEL CO., LTD.  
1-10, Higashisakura 1-chome, Higashi-ku,  
Nagoya, Aichi, 461-8581 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, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention entitled:

## CARBURIZED COMPONENT AND MANUFACTURING METHOD THEREOF

for which application for Letters Patent of the United States was filed on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_ (Arent Fox PLLC 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 therefor on said application or any continuation, divisional, renewal, substitute, reissue or reexamination thereof, and any other application claiming priority thereto, for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, 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, division, 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 inventors have affixed their signatures.

Atsushi HATTORI

Atsushi Hattori  
(SIGNATURE)

March 20, 2007  
(DATE)

Takashi KANO

Takashi Kano  
(SIGNATURE)

March 20, 2007  
(DATE)

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(SIGNATURE)

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(SIGNATURE)

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(DATE)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 04/19/2007

REEL: 019275 FRAME: 0892