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SHEET

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Hiroshi KIHIRA, Yasumori FUJII, Yoshiyuki HARADA,

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

☒ Yes☐ No

1-12-04

2. Name and address of receiving party(ies)

Name: Nippon Steel Corporation

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

City:

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☐ Yes ☐ No

Execution Date: December 10, 2003

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

10483504

If this document is being filed together with a new application, the execution date of the application is December 10, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes☒ No

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

Name: Gary Abelev

BAKER BOTTS L.L.P.

30 Rockefeller Plaza - 44 Fl.

New York, NY 10112

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40

☒ Enclosed☐ Authorized to be charged to deposit account

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To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the original document.

Gary Abelev

01/12/04

Name of Person Signing

Signature

Date

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10. Additional Names of assigning party(ies):

Takashi KUSUNOKI
Norihito FUJIKAWA
Hiroshi TAKEZAWA
Hiromichi YASUNAMI
Kazumi MATSUOKA

10a. Additional Names of receiving party(ies):

11. Application number(s) or registration number(s):

A. Patent Application No.(s)

B. Patent Registration No.(s)

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**Commissioner of Patents and Trademarks
Box Assignments
Alexandria, VA 22313-1450**

**PATENT
REEL: 015323 FRAME: 0176**

PATENT

A S S I G N M E N T

WHEREAS, WE,

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Hiromichi YASUNAMI
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Citizenship: Japan

and

Kazumi MATSUOKA
 c/o NIPPON STEEL CORPORATION Technical Development Bureau,
 20-1, Shintomi, Futtsu-shi, Chiba 293-0011 Japan
 Citizenship: Japan

have made an invention entitled “

METHOD FOR PREDICTING AMOUNT OF CORROSION OF
 ATMOSPHERIC CORROSION RESISTANT STEEL”

as set forth and described in patent application which was filed in the PCT Receiving
 Office on July 11, 2002 and accorded International Application No. PCT/JP02/07037;
 and

WHEREAS, NIPPON STEEL CORPORATION, a corporation, having an office
 for the transaction of business at 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8071,
 Japan is desirous of acquiring the entire right, title and interest in and to said invention
 and improvements thereon, and in and to the said application for Letters Patent therefor,
 and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN,
 that WE, the said Hiroshi KIHARA, Yasumori FUJII, Yoshiyuki HARADA, Takashi
 KUSUNOKI, Norihito FUJIKAWA, Hiroshi TAKEZAWA, Hiromichi YASUNAMI and
 Kazumi MATSUOKA, for and in consideration of the sum of One Dollar (\$1.00), lawful
 money of the United States, to us in hand paid by said NIPPON STEEL
 CORPORATION, and other valuable considerations unto us moving from said NIPPON
 STEEL CORPORATION, at or before the ensealing and delivery of these presents, the
 receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed
 and by these presents do sell, assign, transfer and convey, unto said NIPPON STEEL
 CORPORATION, its successors and assigns, the entire right, title and interest in and to
 the said invention entitled “

METHOD FOR PREDICTING AMOUNT OF CORROSION OF
 ATMOSPHERIC CORROSION RESISTANT STEEL”

as set forth and described in patent application which is being filed with the U.S. Patent
 and Trademark Office herewith, and any and all improvements thereon, and in and to said
 application and any application claiming priority therefrom, and any non-provisional
 application, division, continuation or continuation-in-part thereof, and in and to any
 Letters Patent of the United States which may be issued on any of said applications, and
 any reissues thereof, and in and to any and all applications for Letters Patent filed in
 foreign countries for said invention or improvements, including all priority rights under
 the Paris Convention, and any and all Letters Patent which may be granted in foreign
 countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or
 terms for which any and all said Letters Patent may be granted;

AND WE, the said Hiroshi KIHARA, Yasumori FUJII, Yoshiyuki HARADA,
 Takashi KUSUNOKI, Norihito FUJIKAWA, Hiroshi TAKEZAWA, Hiromichi
 YASUNAMI and Kazumi MATSUOKA, do hereby authorize and request the

Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said NIPPON STEEL CORPORATION, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said NIPPON STEEL CORPORATION, its successors and assigns;

AND WE, the said Hiroshi KIHIRA, Yasumori FUJII, Yoshiyuki HARADA, Takashi KUSUNOKI, Norihito FUJIKAWA, Hiroshi TAKEZAWA, Hiromichi YASUNAMI and Kazumi MATSUOKA, for the considerations aforesaid, do hereby covenant and agree to and with said NIPPON STEEL CORPORATION, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said NIPPON STEEL CORPORATION, its successors and assigns, may be required or necessary to more effectively secure to and vest in said NIPPON STEEL CORPORATION, its successors and assigns, the entire right, title and interest in and to said invention and improvements, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, WE, the said Hiroshi KIHIRA, Yasumori FUJII, Yoshiyuki HARADA, Takashi KUSUNOKI, Norihito FUJIKAWA, Hiroshi TAKEZAWA, Hiromichi YASUNAMI and Kazumi MATSUOKA, have hereunto set my hand and seal on the date below written.

Chiba, Japan

(Place)

December 10, 2003

(Date)

Hiroshi KIHIRA

Witness:



(Type Name) Sachiko ITO

Witness:



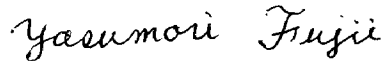
(Type Name) Mieko SHIBAZAKI

Tokyo, Japan

(Place)

December 10, 2003

(Date)

Yasumori FUJII

Witness:



(Type Name) Sachiko ITO

Witness:



(Type Name) Mieko SHIBAZAKI

Chiba, Japan
(Place)

December 10, 2003
(Date)

Yoshiyuki Harada

Yoshiyuki HARADA

Witness: Sachiko Ito
(Type Name) Sachiko ITO

Witness: M. Shibasaki
(Type Name) Mieko SHIBAZAKI

Tokyo, Japan
(Place)

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Takashi Kusunoki

Takashi KUSUNOKI

Witness: Sachiko Ito
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Tokyo, Japan
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Norihito FUJIKAWA

Witness: Sachiko Ito
(Type Name) Sachiko ITO

Witness: M. Shibasaki
(Type Name) Miko SHIBAZAKI

Tokyo, Japan
(Place)

December 10, 2003
(Date)

Hiroshi Takezawa
Hiroshi TAKEZAWA

Witness: Sachiko Ito
(Type Name) Sachiko ITO

Witness: M. Shibasaki
(Type Name) Miko SHIBAZAKI

Tokyo, Japan
(Place)

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(Date)

Hiromichi Yasunami
Hiromichi YASUNAMI

Witness: Sachiko Ito
(Type Name) Sachiko ITO

Witness: M. Shibasaki
(Type Name) Miko SHIBAZAKI

PATENT

Chiba, Japan
(Place)

December 10, 2003
(Date)

Kazumi Matsuoka
Kazumi MATSUOKA

Witness: Sachiko Ito
(Type Name) Sachiko ITO

Witness: M. Shibasaki
(Type Name) Mieke SHIBAZAKI