

CORREC

01-16-2004

COVER SHEET

1107-03(B)



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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):

Yukiko Ozaki
Shigeru Unami
Satoshi Uenosono

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

JFE Steel Corporation, a corporation of Japan
2-2-3 Uchisaiwaicho
Chiyoda-ku
Tokyo 100-0011, Japan

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

Additional name(s) and address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: April 28, 2003

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

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

- A. Patent Application No.(s)
10/442,429
- B. Patent No.(s)

Additional numbers attached? Yes No

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OPR/FINANCE

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

IP Department
Piper Rudnick LLP
3400 Two Logan Square
18th and Arch Streets
Philadelphia, PA 19103-2762

6. Total number of applications and patents involved: 5

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account No. 50-2719
(Attach duplicate copy of this page if paying by 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

T. Daniel Christenbury
Name of Person Signing

Signature

13 Jan 2004
Date

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

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ASSIGNMENT

WHEREAS, we, Yukiko Ozaki, Shigeru Unami, and Satoshi Uenosono
citizens of Japan, residing at Chiba, Japan,

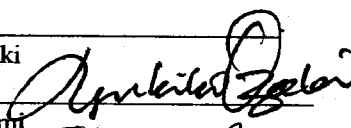
respectively, (hereinafter referred to as "the undersigned"), having made an invention entitled
Powder Additive for Powder Metallurgy, Iron-Based Powder Mixture for Powder Metallurgy,
and Method for Manufacturing the Same
for which on the date set forth below, unless otherwise indicated here, _____, the
undersigned executed an application for United States Letters Patent,

WHEREAS, JFE Steel Corporation,
a corporation of Japan, with offices at 2-2-3 Uchisaiwaicho, Chiyoda-ku,
Tokyo, 100-0011, Japan
(hereinafter referred to as "assignee"), is desirous of acquiring the entire right, title and interest in said
invention, said application and all letters patent issuing for said invention,

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable
consideration, receipt of which is hereby acknowledged, the undersigned, intending to be legally
bound, does hereby sell, assign and transfer to the assignee the entire right, title and interest, for the
United States of America, its territories and possessions, and for all foreign countries, in said
invention, including said patent application, all divisions and continuations thereof, all rights to claim
priority based thereon, all rights to file foreign applications on said invention, and all letters patent and
reissues thereof, issuing for said invention in the United States of America and in any and all foreign
countries.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, or its
successors or assigns or a legal representative thereof, to supply all information and evidence of which
the undersigned has knowledge or possession, relating to the making and practice of said invention,
to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the
invention in the United States of America and foreign countries in the name of the assignee, and to
execute all instruments proper to carry out the intent of this instrument. If the undersigned includes
more than one individual, these obligations shall apply to all of the undersigned both individually and
collectively.

The rights and property herein conveyed by the undersigned are free and clear of any
encumbrance.

EXECUTED on April 28, 2003, at Chiba, Japan
Yukiko Ozaki 
Shigeru Unami Shigeru Unami
Satoshi Uenosono Satoshi Uenosono

Witness