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JCS96 U.S. PTO  
09/34428  
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To the Honorable Commissioner of documents or copy thereof.

1. Name of conveying party(ies):

Naomichi Nakamura  
Satoshi Uenosono  
Shigeru Unami  
Masashi Fujinaga  
Takashi Yoshimura  
Mitsumasa Iijima  
Shin Koizumi  
Hiroyuki Anma  
Yasuo Hatai

8-21-01

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

Kawasaki Steel Corporation, a corporation of Japan,  
1-28, Kitahonmachidori 1-chome  
Chuo-ku, Kobe-shi, Hyogo 651-0075 Japan

AND

Unisia Jecs Corporation, a corporation of Japan  
1370 Onna, Atsugi-shi, Kanagawa 243-8510 Japan

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

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: August 16, 2001

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: August 16, 2001.

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:

IP Department  
Schnader Harrison Segal & Lewis  
1600 Market Street, 36th Floor  
Philadelphia, PA 19103

6. Total number of applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account No. 13-3405  
(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

21 AUG 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: 3

**ASSIGNMENT**

**WHEREAS, I or We, Naomichi Nakamura, Satoshi Uenosono, Shigeru Unami and Masashi Fujinaga, all citizens of Japan**  
**(hereinafter referred to as the "undersigned"), having made an invention entitled**  
**IRON-BASED SINTERED POWDER METAL BODY, MANUFACTURING METHOD THEREOF AND MANUFACTURING METHOD OF IRON-BASED SINTERED COMPONENT WITH HIGH STRENGTH AND HIGH DENSITY**

**for which on the date set forth below, unless otherwise indicated here, \_\_\_\_\_**  
**the undersigned executed an application for United States Letters Patent,**

**WHEREAS, Kawasaki Steel Corporation, a corporation of Japan with its principal office being located at 1-28, Kitahonmachidori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0075 JAPAN and UNISIA JECS CORPORATION, a corporation of Japan with its principal office being located at 1370 Onna, Atsugi -shi, Kanagawa 243-8510 Japan**

**(hereinafter referred to as the "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 under seal on August 16, 2001, at Chiba, Japan**

**Witness**

**Naomichi Nakamura Naomichi Nakamura**  
**Satoshi Uenosono Satoshi Uenosono**  
**Shigeru Unami Shigeru Unami**  
**Masashi Fujinaga Masashi Fujinaga**

**ASSIGNMENT**

**WHEREAS, I or We, Takashi Yoshimura, Mitsumasa Iijima, Shin Koizumi, Hiroyuki Anma and Yasuo Hatai, all citizens of Japan (hereinafter referred to as the "undersigned"), having made an invention entitled IRON-BASED SINTERED POWDER METAL BODY, MANUFACTURING METHOD THEREOF AND MANUFACTURING MATHOD OF IRON-BASED SINTERED COMPONENT WITH HIGH STRENGTH AND HIGH DENSITY**

**for which on the date set forth below, unless otherwise indicated here, \_\_\_\_\_ the undersigned executed an application for United States Letters Patent,**

**WHEREAS, Kawasaki Steel Corporation, a corporation of Japan with its principal office being located at 1-28, Kitahonmachidori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0075 JAPAN and UNISIA JECS CORPORATION, a corporation of Japan with its principal office being located at 1370 Onna, Atsugi -shi, Kanagawa 243-8510 Japan**

**(hereinafter referred to as the "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 under seal on August 16, 2001, at Kanagawa Japan**

**Takashi Yoshimura** Takashi Yoshimura  
**Mitsumasa Iijima** Mitsumasa Iijima  
**Shin Koizumi** Shin Koizumi  
**Hiroyuki Anma** Hiroyuki Anma  
**Yasuo Hatai** Yasuo Hatai

**Witness**