

09-09-2003

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## 1. Name of conveying party(ies):

Yuji Arai  
Hisashi Amaya  
Kunio Kondo  
Akihito Yamane

9-2-03

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

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

Name: Sumitomo Metal Industries, Ltd.Address: 5-33, Kitahama 4-chomeChuo-ku, Osaka-shi03945 U.S. PTO  
10/651941  
09/02/03

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: August 19 & 20, 2003

Additional name(s) &amp; address(es)

☐ Yes ☒ No

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

If this document is being filed together with a new application, the execution date of the application is: Aug. 19 & 20, 2003

Patent Application No.

Filing date

B. Patent No.(s)

10651941

Additional numbers

☐ Yes ☒ No

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

Name: Christopher W. BrodyRegistration No. 33,613Address: Clark & Brody1750 K Street, NW, Suite 600City: Washington, DC

State/Prov.: \_\_\_\_\_

Country: USAZIP: 20006

## 6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

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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.

Christopher W. Brody

Name of Person Signing

Signature

September 2, 2003

3

Date

Total number of pages including cover sheet, attachments, and

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**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) Yuji ARAI  
(3) Hisashi AMAYA

(2) Kunio KONDO  
(4) Akihito YAMANE

who have made a certain new and useful invention, hereby sell, assign, and transfer unto

SUMITOMO METAL INDUSTRIES, LTD.

5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C.100 in the invention entitled

STEEL PIPE FOR EMBEDDING-EXPANDING, AND METHOD OF  
EMBEDDING-EXPANDING OIL WELL STEEL PIPE

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_  
and identified by United States Serial No. \_\_\_\_\_; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_  
\_\_\_\_\_.

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, substitute, renewed, continuation, continuation-in-part, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

I(We) hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document;

**Clark & Brody**

SIGNED on the date(s) indicated aside my(our) signature(s):

**INVENTORS****DATE SIGNED**

1) Yuji Arai  
Name: Yuji ARAI

19th, August, 2003

2) K. Kondo  
Name: Kunio KONDO

19th, August, 2003

1) Hisashi Amaya  
Name: Hisashi AMAYA

19th, Aug. 2003

2) Akihito Yamane  
Name: Akihito YAMANE

20th, Aug. 2003