

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tsutomu ARITA</td> <td>07/14/2008</td> </tr> <tr> <td>Masayoshi AKIYAMA</td> <td>07/28/2008</td> </tr> <tr> <td>Kouichi KURODA</td> <td>06/30/2008</td> </tr> <tr> <td>Tatsuya OKUI</td> <td>06/30/2008</td> </tr> </tbody> </table>		Name	Execution Date	Tsutomu ARITA	07/14/2008	Masayoshi AKIYAMA	07/28/2008	Kouichi KURODA	06/30/2008	Tatsuya OKUI	06/30/2008
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RECEIVING PARTY DATA											
Name:	Sumitomo Metal Industries, Ltd.										
Street Address:	5-33, Kitahama 4-Chome, Chuo-ku, Osaka-shi										
City:	Osaka										
State/Country:	JAPAN										
Postal Code:	541-0041										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12230892</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12230892						
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CORRESPONDENCE DATA											
Fax Number:	(202)835-1755										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	202-835-1111										
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ATTORNEY DOCKET NUMBER:	12049-0057										
NAME OF SUBMITTER:	Christopher W. Brody										
Total Attachments: 2											

OP \$40.00 12230892

500753385

**PATENT
 REEL: 022103 FRAME: 0673**

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) Tsutomu ARITA
(3) Kouichi KURODA

(2) Masayoshi AKIYAMA
(4) Tatsuya OKUI

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

A MECHANICAL PIPE-END EXPANDER AND A METHOD OF MANUFACTURING SEAMLESS 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) Tsutomu Arita
Name: Tsutomu ARITA

14, July 2008

2) Masayoshi Akayama
Name: Masayoshi AKIYAMA

28 July, 2008

3) Kouichi Kuroda
Name: Kouichi KURODA

30, June 2008

4) Tatsuya Okui
Name: Tatsuya OKUI

30, June 2008