PATENT ASSIGNMENT

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SUBMISSION TYPE:		CORRECTIVE ASSIGNMENT			
NATURE OF CONVEYANCE:		recorded on Reel 027432 Frame	Corrective Assignment to correct the Second inventor's name previously recorded on Reel 027432 Frame 0111. Assignor(s) hereby confirms the second inventor's name is "ATSUSHI TOMIZAWA".		
CONVEYING PART	Y DATA				
		Name	Execution Date]	
Shinjiro Kuwayama			12/13/2011		
Atsushi Tomizawa			12/13/2011		
Saburo Inoue			12/19/2011		
RECEIVING PARTY	DATA				
Name:	SUMITOMO	METAL INDUSTRIES, LTD]	
Street Address:	5-33 Kitahama, 4-chome, Chuo-ku, Osaka-shi				
City:	Osaka				
	JAPAN				
State/Country:	JAPAN				
State/Country: Postal Code: PROPERTY NUMBE	541-0041				
Postal Code:	541-0041 ERS Total: 1	Number]	
Postal Code:	541-0041 ERS Total: 1 Type	Number]	
Postal Code: PROPERTY NUMBE Property	541-0041 ERS Total: 1 Type]	
Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC	541-0041 ERS Total: 1 Type	13300714			
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Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: Phone: Email:	541-0041 ERS Total: 1 Type : : : : : : : : : : : : : : : : : : :	13300714 4-9415 5-1111			
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Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i> <i>via US Mail.</i> Correspondent Nam Address Line 1:	541-0041 ERS Total: 1 Type :: E DATA (703)50 202-838 mmolli(<i>I be sent to the</i> e: CLARK 1700 Di	13300714 4-9415 5-1111 ⊇clarkbrody.com <i>e-mail address first; if that is unsuccessful,</i> & BRODY agonal Rd.			
Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i> <i>via US Mail.</i> Correspondent Nam Address Line 1: Address Line 2:	541-0041 ERS Total: 1 Type :: :: :: :: :: :: :: :: :: :: :: : : :	13300714 4-9415 5-1111 Dclarkbrody.com <i>e-mail address first; if that is unsuccessful,</i> & BRODY agonal Rd.			
Postal Code: PROPERTY NUMBE Property Application Number CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence will</i> <i>via US Mail.</i> Correspondent Nam Address Line 1:	541-0041 ERS Total: 1 Type :: :: :: :: :: :: :: :: :: :: :: : : :	13300714 4-9415 5-1111 ⊇clarkbrody.com <i>e-mail address first; if that is unsuccessful,</i> & BRODY agonal Rd.			
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WB DOCKETED 12014-0119

UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 23, 2011

PTAS

CLARK & BRODY 1700 DIAGONAL ROAD, SUITE 510 ALEXANDRIA, VA 22314

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DOCKET NUMBER: 12014-0119

ASSIGNOR:

KUWAYAMA, SHINJIRO DOC DATE

ASSIGNOR: TOMIZAWA, ATSUHI

ASSIGNOR: INOUE, SABURO

DOC DATE: 12/19/2011

DOC DATE: 12/13/2011

DOC DATE: 12/13/2011

ASSIGNEE: SUMITOMO METAL INDUSTRIES, LTD. 5-33, KITAHAMA, 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA, JAPAN 541-0041

ASSIGNEE: SUMITOMO PIPE & TUBE CO., LTD. 3-5, OAZA HIKARI, KASHIMA-SHI, IBARAKI, JAPAN 314-0014

P.O. Box 1450, Alexandria, Virginia 22313-1450 - WWW.USPTO.GOV

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APPLICATION NUMBER: 13300714 PATENT NUMBER: TITLE: BENDING APPARATUS

FILING DATE: 11/21/2011 ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

501765669 12/22/2011

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYP	'E:	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PAR	TY DATA				
		Execution Date			
Shinjiro KUWAYAMA			12/13/2011		
Atsuhi TOMIZAWA			12/13/2011		
Saburo INOUE			12/19/2011		
RECEIVING PART	Υ DATA				
Name:	SUMITOMO	SUMITOMO METAL INDUSTRIES, LTD.			
Street Address:		5-33, Kitahama, 4-chome, Chuo-ku, Osaka-shi,			
City:	Osaka				
State/Country:	JAPAN				
Postal Code:	541-0041				
Name:					
Street Address:		PIPE & TUBE CO., LTD.			
City:		3-5, Oaza hikari, Kashima-shi,			
State/Country:		Ibaraki			
Postal Code:	314-0014	JAPAN			
PROPERTY NUMB	ERS Total: 1				
Property Type		1	Number		
		13300714			
CORRESPONDENC	CE DATA				
	CE DATA (703)50	14-9415			
⁻ ax Number:					
⁻ ax Number: ² hone: Email:	(703)50 202835 tlim@cla	1111 arkbrody.com			
CORRESPONDENC Fax Number: Phone: Email: <i>Correspondence wi</i> l <i>via US Mail.</i>	(703)50 202835 tlim@cla	1111	essful, it will be sent		
⁻ ax Number: Phone: Email: <i>Correspondence wi</i>	(703)50 202835 tlim@cla <i>Il be sent to the c</i> ne: CLARK	1111 arkbrody.com	essful, it will be sent		

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) Shiniiro KUWAYAMA

(2) Atsushi TOMIZAWA

(3) Saburo INOUE

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

__1)SUMITOMO METAL INDUSTRIES, LTD. of 5-33 Kitahama, 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, Japan

2) SUMITOMO PIPE & TUBE CO., LTD. of 3-5, Oaza Hikari, Kashima-shi, Ibaraki 314-0014 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

BENDING APPARATUS

(a) for which an application for United States Letters Patent was filed on <u>November 21, 2011</u> and identified by United States Serial No. 13/300,714 ;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, 1700 Diagonal Road, Suite 510, Alexandria, VA, 22314.

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

INVENTORS

DATE SIGNED

Shinjito Kuwayama December, 13, 2011 Name: Shinjiro KUWAYAMA

Attorney's docket No. 12014-0119

INVENTORS

DATE SIGNED

A tsushi Tomisawa 2)___ Name: Atsuhi TOMIZAWA

December 13, 2011

3) Saburo Inoue Name: Saburo INOUE

December 19,2011