PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2603251

SUBMISSION TYP	E:	NEW ASSIGNMENT		
NATURE OF CON	VEYANCE:	ASSIGNMENT		
CONVEYING PAR	TY DATA			
		Name	Execution Date	
TOSHIYUKI NIWA	OSHIYUKI NIWA			
MASAYOSHI SUE	SAYOSHI SUEHIRO		09/18/2013	
ATSUSHI SETO			09/18/2013	
TAKESHI KAWACHI			09/18/2013	
MASAAKI MIZUMURA		09/18/2013		
SEIICHI DAIMARU	J		09/18/2013	
KAORU KAWASA	KI		09/18/2013	
ΗΑΤSUHIKO ΟΙΚΛ	AWA		09/18/2013	
YASUNOBU MIYAZAKI		09/18/2013		
TATSUYA SAKIYAMA		09/18/2013		
TATSUYA SAKIYA				
NOBUTAKA SHIN			09/18/2013	
NOBUTAKA SHIN NAOKI YOSHINA	IIZU GA			
NOBUTAKA SHIN	IIZU GA Y DATA	EL & SUMITOMO METAL CORPORA	09/18/2013	
NOBUTAKA SHIN NAOKI YOSHINA RECEIVING PART	IIZU GA Y DATA NIPPON STEE	EL & SUMITOMO METAL CORPORA UCHI 2-CHOME, CHIYODA-KU	09/18/2013	
NOBUTAKA SHIM NAOKI YOSHINA RECEIVING PART Name:	IIZU GA Y DATA NIPPON STEE		09/18/2013	
NOBUTAKA SHIM NAOKI YOSHINA RECEIVING PART Name: Street Address:	IIZU GA Y DATA NIPPON STEE 6-1, MARUNO		09/18/2013	
NOBUTAKA SHIM NAOKI YOSHINA RECEIVING PART Name: Street Address: City:	IIZU GA Y DATA NIPPON STEE 6-1, MARUNO TOKYO		09/18/2013	
NOBUTAKA SHIM NAOKI YOSHINA RECEIVING PART Name: Street Address: City: State/Country:	IIZU GA Y DATA NIPPON STEE 6-1, MARUNO TOKYO JAPAN 100-8071		09/18/2013	
NOBUTAKA SHIM NAOKI YOSHINA RECEIVING PART Name: Street Address: City: State/Country: Postal Code:	IIZU GA Y DATA NIPPON STEE 6-1, MARUNO TOKYO JAPAN 100-8071 BERS Total: 1		09/18/2013 09/18/2013 TION	
NOBUTAKA SHIM NAOKI YOSHINA RECEIVING PART Name: Street Address: City: State/Country: Postal Code: PROPERTY NUME	IIZU GA Y DATA NIPPON STEE 6-1, MARUNO TOKYO JAPAN 100-8071 BERS Total: 1	UCHI 2-CHOME, CHIYODA-KU	09/18/2013 09/18/2013 TION	
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NOBUTAKA SHIM NAOKI YOSHINAA RECEIVING PART Name: Street Address: City: State/Country: Postal Code: PROPERTY NUME Propert Application Numb	IIZU GA Y DATA NIPPON STEE 6-1, MARUNO JAPAN 100-8071 BERS Total: 1 y Type er: 1 ICE DATA	UCHI 2-CHOME, CHIYODA-KU	09/18/2013 09/18/2013 TION	
NOBUTAKA SHIM NAOKI YOSHINAA RECEIVING PART Name: Street Address: City: State/Country: Postal Code: PROPERTY NUME Property Application Numb	IIZU GA Y DATA NIPPON STEE 6-1, MARUNO TOKYO JAPAN 100-8071 BERS Total: 1 Y Type er: 1 ICE DATA (212)4	UCHI 2-CHOME, CHIYODA-KU	09/18/2013 09/18/2013 TION	

REEL: 031543 FRAME: 0718

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Total Attachments: 4 source=52433-1129-Assignment#page1.tif source=52433-1129-Assignment#page2.tif source=52433-1129-Assignment#page3.tif source=52433-1129-Assignment#page4.tif		

U.S. ASSIGNMENT

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IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

(Insert	NIPPON STEEL & SUMITOMO METAL CORPORATION				
ASSIGNEE's Name(s) Address(es))	6-1, Marunouchi 2-chome, Chivoda-ku, Tokyo 100-8071, Japan				
	(hereinafter "ASSIGNEE"), the receip transfers to ASSIGNEE the entire a	pt of which is hereby acknowledged, the nd exclusive right, title and interest to tl	undersigned ASSIGNOR hereby sells, assigns and ae invention entitled		
(Title of Invention)	Front Body Struct	ure			
	relating to International Patent App the United States was executed on e	lication PCT/JP <u>2012 / 056014</u> even date herewith or, if not so executed	_and/or for which application for Letters Patent of , was:		
(Insert date	(a) executed on				
of execution of application, if not concurrent)	(b) filed on <u>September 12</u> , Serial No. <u>14</u> / 0047	<u>2013</u> data, when known.	ereby authorized to insert in (b) the specified		
	renewal, substitute, reissue or reexa	mination application based thereon, for	on said application and any continuation, division, the full term or terms for which the said Letters hereinafter, "said application(s) and Letters		
	ASSIGNEE, to do all acts which the enforcing protection for said inventio said Letters Patent(s), in any interfer proceeding which may arise or be de	ASSIGNEE may deem necessary, desira on, including in the preparation and pro rence, reissue, reexamination, or public calared in relation to same, such acts to	without charge to but at the expense of said ble or expedient, for securing, maintaining and secution of said application(s) and the issuance of use proceeding, and in any litigation or other legal include but not be limited to executing all papers, providing sworn testimony, and obtaining and		
		the undersigned inventor(s) has (have) a	ffixed his/her/their signature(s).		
.	hading his hima	Toshiyuki Niwa	September 18, 2013		
Signatures)	1) Configuration (Marchanne)		(DATE)		
		Masayoshi Suehiro			
	2)(SIGNATURE)	(TYPE NAME)	(DATE)		
		Atsushi Seto			
	3)(SIGNATURE)	(TYPE NAME)	(DATE)		
		Takeshi Kawachi			
	4) (SIGNATURE)	(TYPE NAME)			
		• •	(DATE)		
		Masaaki Mizumura	(DATE)		
	5)(SIGNATURE)	Masaaki Mizumura (TYPE NAME)			
		(TYPE NAME)	(DATE) (DATE)		
		(TYPE NAME) Seiichi Daimaru	(DATE)		
	(SIGNATURE)	(TYPE NAME) Seiichi Daimaru (TYPE NAME)			
	(SIGNATURE)	(TYPE NAME) Seiichi Daimaru	(DATE)		

9)	Yasunobu Miyazaki	
(SIGNATURE)	(TYPE NAME)	(DATE)
10)	Tatsuya Sakiyama	
(SIGNATURE)	(TYPE NAME)	(DATE)
11)	Nobutaka Shimizu	
(SIGNATURE)	(TYPE NAME)	(DATE)
12)	Naoki Yoshinaga	
(SIGNATURE)	(TYPE NAME)	(DATE)
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(SIGNATURE)	(TYPE NAME)	(DATE)

PATENT REEL: 031543 FRAME: 0721

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

NIPPON STEEL & SUMITOMO METAL CORPORATION (Insert ASSIGNEE's Name(s) 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8071, Japan Address(es)) (hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled Front Body Structure (Title of Invention) relating to International Patent Application PCT/JP 2012 / 056014 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: [Insert date (a) executed on Assignce's attorney is hereby authorized to insert in (b) the specified of execution (b) filed on September 12, 2013 of application, data, when known. if not 14 004702 Serial No. concurrent) and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)	
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Toshiyuki Niwa

(SIGNATURE) (TYPE NAME) Masayoshi Suehiro September 18, 2013 (TYPE NAME) Atsushi Seto September 18, 2013 (TYPE NAME) Takeshi Kawachi September 18, 2013 (TYPE NAME) Masaaki Mizumura September 18, 2013 (TYPE NAME) Seiichi Daimaru September 18, 2013 (SIGNATURE) (TYPE NAME) Kaoru Kawasaki (TYPE NAME) Hatsuhiko Oikawa

September 18, 2013 (DATE) PATENT SeRefile: 03:1543 FRAME: 0722

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9) 空桥乘信	Yasunobu Miyazaki	September 18, 2013
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10) ALENATUREN	Tatsuya Sakiyama	September 18, 2013
(SIGNATURE)	(TYPE NAME)	(DATE)
11) 隋木信孝	Nobutaka Shimizu	September 18, 2013
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12) Marké Johnaga (SIGNATURE)	Naoki Yoshinaga (TYPE NAME)	September 18, 2013
(or and or b)		(DATE)
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RECORDED: 11/05/2013