PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				

CONVEYING PARTY DATA

Name	Execution Date		
Satoru OHSAKI	08/05/2010		
Tatsuya TAKAHASHI	08/05/2010		
Koji KAJIKAWA	08/05/2010		
Eiji MAEDA	08/05/2010		
Yoshikuni KADOYA	08/05/2010		
Ryuichi YAMAMOTO	08/05/2010		
Takashi NAKANO	08/05/2010		

RECEIVING PARTY DATA

Name:	THE JAPAN STEEL WORKS, LTD.			
Street Address:	11-1, Osaki 1-chome, Shingwa-ku			
City:	Tokyo			
State/Country:	JAPAN			

Name:	MITSUBISHI HEAVY INDUSTRIES, LTD.			
Street Address:	16-5, Konan 2-chome, Minato-ku			
City:	Tokyo			
State/Country:	JAPAN			

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12867668

CORRESPONDENCE DATA

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PATENT 501262002 REEL: 024835 FRAME: 0807

12867668

	2100 PENNSYLVANIA AVE. NW WASHINGTON, DISTRICT OF COLUMBIA 20037-3213				
ATTORNEY DOCKET NUMBER:	Q120253				
NAME OF SUBMITTER:	Mark Boland				
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif					

PATENT REEL: 024835 FRAME: 0808

ASSIGNMENT

Whereas, I/we Satoru OHSAKI, Tatsuya TAKAHASHI, Koji KAJIKAWA and Eiji MAEDA, all of Hokkaido, Japan,

Yoshikuni KADOYA of Nagasaki, Japan, Ryuichi YAMAMOTO of Hyogo, Japan and Takashi NAKANO of Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in

Ni-BASED SUPERALLOY WITH EXCELLENT UNSUSCEPTIBILITY TO SEGREGATION and executed an application for Letters Patent of the United States of America therefor on

August 5, 2010; and

Whereas,

THE JAPAN STEEL WORKS, LTD.

11-1, Osaki 1-chome, Shingawa-ku, Tokyo, Japan

and

MITSUBISHI HEAVY INDUSTRIES, LTD. 16-5, Konan 2-chome, Minato-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We	hereby authorize and re	equest my/our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania	Avenue, N.W., Washingto	on, D.C. 20037-3213 to insert here in parentheses (Application
number	, filed_) the filing date and application
number of sai	d application when known	
Date:	August 5, 2010	s/ Satoru Ohsaki Satoru OHSAKI
Date:	August 5, 2010	Stugu Tatsuya Takahashi Tatsuya TAKAHASHI
Date:	August 5, 2010	s/ Koji Kajikawa Koji KAJIKAWA
Date:	August 5, 2010	sl <u>Eiji Maeda</u> Eiji MAEDA
Date:		s/Yoshikuni KADOYA
Date:		s/Ryuichi YAMAMOTO
Date:		s/

(Legalization not required for recording but is prima facie evidence of execution under 35-U.S.C. 8261)

Takashi NAKANO

REEL: 024835 FRAME: 0809

Assignment

Whereas, I/we Satoru OHSAKI, Tatsuya TAKAHASHI, Koji KAJIKAWA and Eiji MAEDA, all of Hokkaido, Japan,

Yoshikuni KADOYA of Nagasaki, Japan, Ryuichi YAMAMOTO of Hyogo,

Japan and Takashi NAKANO of Tokyo, Japan

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I/We	hereby authorize	and requ	uest my/c	our attorn	eys SUC	SHRUE	MION,	PLLC	of 2100
Pennsylvania i	Avenue, N.W., W	ashington,	D.C. 200	37-3213 t	o insert h	nere in p	arenthe	eses (A	pplication
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number of said	d application wher	n known.							
Date:		S	,						
			Sa	toru OHSA	AKI				
Date:		Si	•	÷					
			Tat	tsuya TAK	AHASHI				
Date:		S/		ji KAJIKAV					
			Koj	ji KAJIKAV	VA				
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			Yos	shikuni KA	DOYA		*	_	
Date:	August 5, 20	10 s/	Ri	michi	Fair	ramos	<u>w</u>	-	
			Ку	JICNI YAIVI	AMOTO				
Date:	August 5, 20	10 s/	<i>7</i> a	Lashi 7	rakam				
				cashi NAK					

(Legalization not required for recording but is prima facie evidence of execution under 35 PATEN1)

RECORDED: 08/13/2010