502555242 11/01/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2600888

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOJI YAMASHITA	09/06/2013
MASAYUKI KOMIYAMA	09/06/2013
KAZUSHIGE KOIWAI	09/06/2013
KOJI UEDA	09/06/2013
KENGO MAEDA	09/03/2013

RECEIVING PARTY DATA

Name:	KOBELCO CONSTRUCTION MACHINERY CO., LTD.,	
Street Address:	2-1, ITSUKAICHIKOU 2-CHOME, SAEKI-KU	
City:	HIROSHIMA-SHI, HIROSHIMA	
State/Country:	JAPAN	
Postal Code:	731-5161	

Name:	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.),	
Street Address:	2-4, WAKINOHAMA-KAIGANDORI 2-CHOME, CHUO-KU	
City:	KOBE-SHI, HYOGO	
State/Country:	JAPAN	
Postal Code:	651-8585	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14115282	

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 Gtesfaye@oblon.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: OBLON, SPIVAK, ET AL.

PATENT

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REEL: 031531 FRAME: 0671

Address Line 1: 1940 DUKE STREET Address Line 4: ALEXANDRIA, VIRGINIA 22314		
ATTORNEY DOCKET NUMBER:	423115US41X PCT	
NAME OF SUBMITTER:	GENET TESFAYE	
Signature:	/Genet Tesfaye/	
Date:	11/01/2013	
Total Attachments: 6 source=423115USAssignment#page1.tif source=423115USAssignment#page2.tif source=423115USAssignment#page3.tif source=423115USAssignment#page4.tif source=423115USAssignment#page5.tif source=423115USAssignment#page6.tif		

ASSIGNMENT

For value received, we, Koji YAMASHITA, Masayuki KOMIYAMA, Kazushige KOIWAI and Koji UEDA, residing at c/o KOBELCO CONSTRUCTION MACHINERY CO., LTD., 2-1, Itsukaichikou 2-chome, Saeki-ku, Hiroshima-shi, Hiroshima 731-5161 Japan, and

Kengo MAEDA, residing at c/o Kobe Corporate Research Laboratories in Kobe Steel, Ltd., 5-5, Takatsukadai 1-chome, Nishi-ku, Kobe-shi, Hyogo 651-2271 Japan,

hereby sell, assign, and transfer to

KOBELCO CONSTRUCTION MACHINERY CO., LTD., a corporation existing under the laws of Japan, located at 2-1, Itsukaichikou 2-chome, Saeki-ku, Hiroshima-shi, Hiroshima 731-5161 Japan, and

KABUSHIKI KAISHA KOBE SEIKO SHO (Kobe Steel, Ltd.), a corporation existing under the laws of Japan, located at 2-4, Wakinohama-Kaigandori 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan

and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to

SLEWING-TYPE WORKING MACHINE

described in an application for Letters Patent of the United States,
[X] having an oath or declaration by me/us executed on even date herewith;
[] bearing Serial Noand filed on, and
all patents which may be granted therefor, and all divisions, reissues, continuations
and extensions thereof, and authorize and request the Commissioner of Patents and
Trademarks to issue all patents on said improvements or resulting therefrom to said
Company as assignee of the entire interest, and covenant that I/We have full right so
to do, and agree that I/we will communicate to said Company or its representatives
any facts known to me/us respecting said improvements and testify in any legal
proceedings, sign all lawful papers, execute all divisional, continuing and reissue
applications, make all rightful oaths and generally do everything possible to aid said
Company, its successors, assigns, and nominees, to obtain and enforce proper
protection for said invention in the United States.

The Assignor(s) hereby authorizes and requests the attorneys of OBLON, SPIVAK, McCLELLAND MAIER & NEUSTADT, L.L.P. of 1940 Duke Street Alexandria, Virginia 22314, to insert in the spaces provided above the filing date, serial number, and attorney docket number of said application if not previously inserted.

Signature _	山下	耕治	Date	September 6.	2013
•	Koji YAM.	ASHITA			

Signature		Date	
Ü	Kengo MAEDA		

ASSIGNMENT

For value received, we, Koji YAMASHITA, Masayuki KOMIYAMA, Kazushige KOIWAI and Koji UEDA, residing at c/o KOBELCO CONSTRUCTION MACHINERY CO., LTD., 2-1, Itsukaichikou 2-chome, Saeki-ku, Hiroshima-shi, Hiroshima 731-5161 Japan, and

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SLEWING-TYPE WORKING MACHINE

described in an application for Letter	rs Patent of the United States,		
[X] having an oath or declaration b	y me/us executed on even date h	erewith;	
[] bearing Serial No	and filed on	, and	
all patents which may be granted the	refor, and all divisions, reissues	, continuations	
and extensions thereof, and authorize	e and request the Commissioner	of Patents and	
Trademarks to issue all patents on said improvements or resulting therefrom to said			
Company as assignee of the entire in	terest, and covenant that I/We h	ave full right so	
to do, and agree that I/we will comm	unicate to said Company or its r	epresentatives	
any facts known to me/us respecting	said improvements and testify i	n any legal	
proceedings, sign all lawful papers, e	execute all divisional, continuing	g and reissue	
applications, make all rightful oaths	and generally do everything pos	sible to aid said	
Company, its successors, assigns, and	d nominees, to obtain and enfor	ce proper	
protection for said invention in the U	Inited States.		

The Assignor(s) hereby authorizes and requests the attorneys of OBLON, SPIVAK, McCLELLAND MAIER & NEUSTADT, L.L.P. of 1940 Duke Street Alexandria, Virginia 22314, to insert in the spaces provided above the filing date, serial number, and attorney docket number of said application if not previously inserted.

Signature		Date
	Koji YAMASHITA	
Signature	Masayuki KOMIYAMA	Date
Signature _.	Kazushige KOIWAI	Date
Signature ₋	Koji UEDA	Date

Signature MAEDA KENGO Date September 3, 2013

Kengo MAEDA

PATENT REEL: 031531 FRAME: 0678

RECORDED: 11/01/2013