502341294 05/09/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takayuki HIRANO	04/15/2013
Takashi KOBORI	04/15/2013

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)	
Street Address:	10-26, Wakinohama-cho 2-chome, Chuo-ku	
City:	Kobe-shi, Hyogo	
State/Country:	Japan	
Postal Code:	651-8585	

Name:	KOBELCO RESEARCH INSTITUTE, INC.	
Street Address:	1-5-1, Wakinohama-kaigan-dori, Chuo-ku	
City:	Kobe-shi, Hyogo	
State/Country:	JAPAN	
Postal Code:	651-0073	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13883698	

CORRESPONDENCE DATA

Fax Number: 7034132220

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

Phone: (703) 413-3000
Email: asomaiel@oblon.com
Correspondent Name: Oblon, Spivak, et al.
Address Line 1: 1940 Duke Street

Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 415373US99XPCT PATENT

502341294 REEL: 030383 FRAME: 0218

P \$40.00 138836

NAME OF SUBMITTER:	Adel Samuel
Signature:	/Adel Samuel/
Date:	05/09/2013
Total Attachments: 4 source=415373USAssignment#page1.tif source=415373USAssignment#page2.tif source=415373USAssignment#page3.tif source=415373USAssignment#page4.tif	

PATENT REEL: 030383 FRAME: 0219

Assignment of Application

	WE) Takayuki HIRANO and Takas	hi KOBOR	U both of Hyogo, Japan	
				
				
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			<u> </u>	
have invented co	ertain new and useful improvements		CONTACT PROBE PIN	, respective
(Application No	. 13/883,698	, filed	May 6, 2013), ar
	1) Kabushiki Kaisha Kobe Seiko	Sho (Kobo	e Steel, Ltd.)	
WHEREAS	S, 2) KOBELCO RESEARCH INS	-	•	

(hereinafter referred to as "ASSIGNEE") having a place of business at:

1) 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan

2) 1-5-1, Wakinohama-kaigan-dori, Chuo-ku, Kobe-shi, Hyogo 651-0073 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: April 15, 2013	半野貴之
	(Signature of Inventor) Takayuki HIRANO
Date:	
	(Signature of Inventor) Takashi KOBORI
Date:	
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	·
	(Signature of Inventor)
Date:	
	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Assignment of Application

WHEREAS, I (WE) Takayuki HIRANO and Takashi KOBORI both of Hyogo, Japan	
35:	
	
	respective
have invented certain new and useful improvements in: CONTACT PROBE PIN	, respective
(Application No13/883,698), an
1) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)	
WHEREAS, 2) KOBELCO RESEARCH INSTITUTE, INC.	
militario, 2) Republication in the inc.	

(hereinafter referred to as "ASSIGNEE") having a place of business at:

1) 10-26, Wakinohama-cho 2-chome, Chuo-ku, Kobe-shi, Hyogo 651-8585 Japan

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Date:		
Date: _	April 15, 2013	(Signature of Inventor) Takayuki HIRANO
Date: _		(Signature of Inventor) Takashi KOBORI (Signature of Inventor)
Date: _		
Date: _		(Signature of Inventor)
Date: _		(Signature of Inventor)
		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

12/04

PATENT REEL: 030383 FRAME: 0223