### **PATENT ASSIGNMENT COVER SHEET**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YUKIHIKO ONO	05/18/2013
HIDEFUMI ISHIMOTO	05/27/2015
KOJI FUJITA	05/27/2015

#### **RECEIVING PARTY DATA**

Name:	HITACHI CONSTRUCTION MACHINERY CO., LTD.	
Street Address:	5-1, KORAKU 2-CHOME, BUNKYO-KU,	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	112-8653	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14729404

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)684-1157

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 703-684-1120

Email: svannarath@mmiplaw.com
Correspondent Name: MATTINGLY & MALUR, PC
Address Line 1: 1800 DIAGONAL ROAD

Address Line 2: SUITE 210

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	TAK-9905	
NAME OF SUBMITTER:	JOHN R. MATTINGLY	
SIGNATURE:	/John R. Mattingly/	
DATE SIGNED:	06/03/2015	

#### **Total Attachments: 3**

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PATENT 503333857 REEL: 035776 FRAME: 0734

### ASSIGNMENT

As a below named inventor, I hereby declare that: IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me, a citizen of <u>Japan</u>, by <u>HITACHI CONSTRUCTION MACHINERY CO., LTD.</u> (hereinafter referred to as ASSIGNEE), a corporation organized under the laws of <u>Japan</u>, located at <u>5-1. Koraku 2-chome, Bunkyo-ku</u>, Tokyo 112-8563, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said ASSIGNEE, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to application serial no. PERIPHETAL OBJECT DETECTION SYSTEM AND HAULAGE VEHICLE invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, said interest being the entire ownership of said Letters Patent when granted to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made: And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee; Whereby, I hereby grant the law firm of MATTINGLY & MALUR, P.C., 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 United States Patent and Trademark Office for recordation of this document, including inserting the application serial number and filing date when known. And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said ASSIGNEE. Signed on the date(s) indicated aside signatures: INVENTOR Date Signed 5/18/2015 Hidefumi ISHIMOTO

Koji FUJITA

PATENT REEL: 035776 FRAME: 0735

# **ASSIGNMENT**

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum	n of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable				
consideration paid to me, a citizen of <u>Japan</u> , by <u>HITACHI CONSTRUCTION MACHINERY CO., LTD.</u> (hereinafter					
referred to as ASSIGNEE), a corporation organized under the laws of Japan, located at 5-1, Koraku 2-chome, Bunkyo-ku,					
Tokyo 112-8563, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said ASSIGNEE, its					
successors and assigns, all my right, title and interest, in and for the United States of America, in and to application serial no.					
, filed	and entitled				
PERIPHETAL OBJECT	I DETECTION SYSTEM AND HAULAGE VEHICLE				
United States Letters Patent therefor, execu granted therefor, and all divisions, continua Patent when granted, to be held and enjoyer full end of term for which said Letters Pater	v) or us (if plural inventors are named below) and described in the application for ted on even date herewith, and all United States Letters Patent which may be attions and extensions thereof, said interest being the entire ownership of said Letters d by said ASSIGNEE, its successors, assigns or other legal representatives, to the name that the test has a fully and entirely as the same would have been held and				
enjoyed by me or us if this assignment and	sale had not been made;				
proper in the prosecution of the above-name	ecute any further documents or instruments which may be necessary, lawful, and ed application or in the preparation and prosecution of any continuing, renewal, reviewed or reissue applications or in any amendment, extension, or coure the title thereto in said assignee;				
Whomshy, Thoushy, amount the large C					
further identification which may be necessa	rm of MATTINGLY & MALUR, P.C., the power to insert on this assignment any ry or desirable in order to comply with the rules of the United States Patent and cument, including inserting the application serial number and filing date when				
And I do hereby authorize and requ	uest the Commissioner of Patents to issue said Letters Patent to said ASSIGNEE.				
•					
Signed on the date(s) indicated asi	de signatures:				
INVENTOR	Date Signed				
	, , ,				
1)					
Yukihiko ONO					
1 ukmiko ONO					
2) Urdfu Structo Hillefumi ISHIMOTO	5/27/2015				
	1				
3)					
Koji FUJITA					

PATENT REEL: 035776 FRAME: 0736

# **ASSIGNMENT**

As a below named inventor, I hereby declare that:

consideration paid to me, a citizen of <u>J</u> referred to as ASSIGNEE), a corporation <u>Tokyo 112-8563</u> , <u>Japan</u> , receipt of whic	h is hereby acknowledged I do hereby sell and interest, in and for the United States o	MACHINERY CO., LTD. (hereinafter ated at <u>5-1, Koraku 2-chome, Bunkyo-ku</u> and assign to said ASSIGNEE, its
		•
PERIPHETAL OBJ	ECT DETECTION SYSTEM AND	HAULAGE VEHICLE
United States Letters Patent therefor, exe granted therefor, and all divisions, contin Patent when granted, to be held and enjoy	yed by said ASSIGNEE, its successors, assetent may be granted, as fully and entirely a	d States Letters Patent which may be st being the entire ownership of said Letters signs or other legal representatives, to the
proper in the prosecution of the above-na	execute any further documents or instrument amed application or in the preparation and particular and particular applications and the secure the title thereto in said assignee;	prosecution of any continuing,
further identification which may be neces	r firm of MATTINGLY & MALUR, P.C., assary or desirable in order to comply with the document, including inserting the application	he rules of the United States Patent and
And I do hereby authorize and r	equest the Commissioner of Patents to issu	e said Letters Patent to said ASSIGNEE.
Signed on the date(s) indicated a	așide signatures:	
INVENTOR	Date Signed	
1)Yukihiko ONO		
2) Hidefumi ISHIMOTO		·
3) Koji Fylita Koji FUJITAV .	5/27/2015	· · · · · · · · · · · · · · · · · · ·

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**RECORDED: 06/03/2015**