

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3072924

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KENICHI IRIE	08/08/2014
MASASHI KAWADA	08/19/2014
SATOSHI HYODO	08/18/2014
HIROSHI KOHARA	08/07/2014
RECEIVING PARTY DATA	
Name:	PANASONIC CORPORATION
Street Address:	1006, OAZA KADOMA, KADOMA-SHI
City:	OSAKA
State/Country:	JAPAN
Postal Code:	571-8501
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14382975
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	kunou.yoshie@kk.jp.panasonic.com
Correspondent Name:	PANASONIC IP MANAGEMENT CO., LTD.
Address Line 1:	7F OBP PANASONIC TOWER
Address Line 2:	1-61, SHIROMI 2-CHOME, CHUO-KU
Address Line 4:	OSAKA, JAPAN 540-6207
ATTORNEY DOCKET NUMBER:	P643168-02
NAME OF SUBMITTER:	CHIKA EDA
SIGNATURE:	/Chika EDA/
DATE SIGNED:	10/20/2014
Total Attachments: 4	
source=Assignment 14382975(P643168-02 Renne)#page1.tif	
source=Assignment 14382975(P643168-02 Renne)#page2.tif	
source=Assignment 14382975(P643168-02 Renne)#page3.tif	

Panasonic Ref*: P643168-02

Application Serial No. 14/382975Japan Firm Name: ONDA TECHNO Intl. Patent Attys.Japan Firm Ref: P3P2013071USUS Firm Name*: RENNER, OTTO, BOISSELLE & SKLAR, LLP
(* must be filled)

US Firm Ref: _____

ASSIGNMENT

WHEREAS, the undersigned has (have) invented the invention entitled:

Box 1		
Title of Invention: METAL DETECTION METHOD, METAL DETECTION DEVICE, METAL DETECTION METHOD FOR WIRELESS POWER SUPPLY DEVICE, AND WIRELESS POWER SUPPLY DEVICE		
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WHEREAS, Panasonic Corporation of 1006, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN, and

its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee(s)") is/are desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and to: (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s), including all renewals, extensions, reissues and reexamination certificates which may be granted therefore, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agree(s) to execute all papers necessary in connection with this application and any and all Related Applications thereof, all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements, all papers necessary in connection with any interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all litigations regarding, or for the purpose of protecting the right, title and interest in and to said invention, this application and any and all Related Applications or Letters Patent(s) therefore, and to testify in any legal proceeding relating thereto and in support thereof, for the benefit of Assignee(s), and also to execute separate assignments in connection with such applications as the Assignee(s) may deem necessary or expedient.

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Box2 (Each Inventor, please Sign and Date below)			
	(e) First Name, Last Name	(f) Signature	(g) Date signed <small>Month, Date, Year</small>
(1)	Kenichi IRIE	<i>Kenichi IRIE</i>	<i>Aug. 8, 2014</i> <small>Month, Date, Year</small>
(2)	Masashi KAWADA		<small>Month, Date, Year</small>
(3)	Satoshi HYODO		<small>Month, Date, Year</small>
(4)	Hiroshi KOHARA		<small>Month, Date, Year</small>

☐ Check if additional paper(s) is/are attached. Total of _____ pages are submitted.

Panasonic Ref*: P643168-02

Application Serial No. 141302975

Japan Firm Name: ONDA TECHNO Intl. Patent Attvs.

Japan Firm Ref: P3P2013071US

US Firm Name*: RENNER, OTTO, BOISSELLE & SKLAR, LLP
(* must be filled)

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(3)	Satoshi HYODO	
(4)	Hiroshi KOHARA	

☐ Check if additional paper(s) is/are attached. Total of _____ pages are submitted.

Panasonic Ref*: P643168-02

Application Serial No. 14/382975Japan Firm Name: ONDA TECHNO Intl. Patent Attys.Japan Firm Ref: P3P2013071USUS Firm Name*: RENNER, OTTO, BOISSELLE & SKLAR, LLP

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(3)	Satoshi HYODO	<i>Satoshi Hyodo</i>	Aug, 18, 2014 Month, Date, Year
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