

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
		Application Number	13/663,012
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	October 29, 2014
		First Named Inventor	Jeong Wook An
		Art Unit	2681
		Examiner Name	
		Attorney Docket Number	SUN.LGI.420
Sheet	1	of	2

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	U1	2010/0277004-A1	11-04-2010	Suzuki <i>et al.</i>	ALL
	U2	2005/0046573-A1	03-03-2005	Velasco <i>et al.</i>	ALL
	U3	2008/0197957-A1	08-21-2008	Kondo <i>et al.</i>	ALL
	U4	2009/0058358-A1	03-05-2009	Inoue <i>et al.</i>	ALL
	U5	2012/0057322-A1	03-08-2012	Eberhard Waffenschmidt	ALL
	U6	2008/0154178-A1	06-26-2008	Carter <i>et al.</i>	ALL
	U7	2008/0122570-A1	05-29-2008	Konomu Takaishi	ALL
	U8	6,008,622	12-28-1999	Norio Nakawatase	ALL

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)				
	F1	JP	2006-042519-A	02-09-2006	Seiko Epson Corp.	ALL	
	F2	JP	2012-010533-A	01-12-2012	Murata MFG Co., Ltd.	ALL	
	F3	JP	H08-79976-A	03-22-1996	TDK Corp.	ALL	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>	Complete if Known	
	Application Number	13/663,012
	Filing Date	October 29, 2014
	First Named Inventor	Jeong Wook An
	Group Art Unit	2681
	Examiner Name	
Sheet 2 of 2	Attorney Docket Number SUN.LGI.420	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	R1	European Search Report dated July 1, 2014 in European Application No. 12190583.0.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



I hereby certify that this correspondence is being electronically transmitted via EFS to the United States Patent and Trademark Office on May 11, 2015.

AMENDMENT UNDER 37 C.F.R. §1.111
Examining Group 2836
Patent Application
Docket No. SUN.LGI.420
Serial No. 13/663,012



Jeff Lloyd, Patent Attorney, Reg. No. 35,589

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : James P. Evans
Art Unit : 2836
Applicants : Jeong Wook An, Jung Oh Lee, Sung Hyun Leem, Yang Hyun Kim
Serial No. : 13/663,012
Filed : October 29, 2012
Confirm. No. : 3575
For : Wireless Power Receiver and Method of Manufacturing the Same

Mail Stop **Amendment**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. §1.11

Sir:

In response to the Office Action dated February 13, 2015, please amend the application identified above as follows:

J:\SUN\LGI\420\Amd-Resp\Response1.doc/kh/lcf

In the Specification

Please amend the paragraph at page 4, lines 25-26, as follows:

FIG. 15 is a plan view illustrating a wireless power receiver **1000** according to the ~~fourth~~
fifth embodiment;

Please amend the Abstract as shown on the attached sheet

In the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A wireless power receiver comprising:
a substrate having a receiving space of a predetermined ~~shaped~~ shape formed therein for a connecting unit configured to connect to a wireless power receiving circuit;
a coil unit including a first connection terminal, a second connection terminal, and a coil, wherein the coil is configured to wirelessly receive power, wherein the coil is formed as a conductive pattern on or within the substrate, wherein the first connection terminal is located at one end of the coil and the second connection terminal is provided at the other end of the coil, and
wherein the connecting unit is disposed in the receiving space and connected to the ~~first and second terminals~~ coil unit,
wherein the connecting unit includes:
a third connection terminal connected to the first connection terminal of the coil unit;
and
a fourth connection terminal connected to the second connection terminal of the coil unit. and
wherein the conductive pattern includes a conductive line wound at least two times and the conductive pattern has a spiral shape.

2. (Canceled)

3. (Previously Presented) The wireless power receiver of claim 1, wherein the shape of the receiving space corresponds to a shape of the connecting unit.

4-5. (Canceled)

6. (Previously Presented) The wireless power receiver of claim 1, further comprising a short-range communication antenna formed on the substrate and surrounding the coil.

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.