

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takeshi ISODA</td> <td>06/21/2013</td> </tr> <tr> <td>Koji SHINODA</td> <td>06/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Takeshi ISODA	06/21/2013	Koji SHINODA	06/21/2013
Name	Execution Date						
Takeshi ISODA	06/21/2013						
Koji SHINODA	06/21/2013						
RECEIVING PARTY DATA							
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Postal Code:	581-0071						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13958926</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13958926		
Property Type	Number						
Application Number:	13958926						
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Signature:	/MRQ/						
Date:	08/28/2013						

CH \$40.00 13958926

This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 5**

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**COMBINED DECLARATION AND ASSIGNMENT  
FOR UTILITY AND DESIGN PATENT APPLICATIONS**

<p><b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b></p> <p> <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing.                 <span style="margin-left: 20px;">OR</span> <input type="checkbox"/> Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(f)) required)             </p>	Attorney Docket Number	
	First Named Inventor	Takeshi ISODA
	<i>COMPLETE IF KNOWN</i>	
	Application Number	
	Filing Date	
	Art Unit	
Examiner Name		

**DEVICE MODULE AND METHOD OF MANUFACTURING THE SAME**

*(Title of the Invention)*

As a below named inventor, I hereby declare that:

This declaration is directed to:

The attached application,

OR

United States Application Number or PCT International application number \_\_\_\_\_  
filed on \_\_\_\_\_.

The above identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

**Authorization To Permit Access To Application by Participating Office**

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above identified patent application is filed access to the above identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above identified patent application is filed to have access to the above identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above identified patent application with respect to: 1) the above identified patent application-as-filed; 2) any foreign application to which the above identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above identified patent application.

In accordance with 37 CFR 1.14(e), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to:	<input checked="" type="checkbox"/>	The address associated with Customer Number:	23850	OR	<input type="checkbox"/>	Correspondence address below
Name						
Address						
City			State		Zip	
Country		Telephone		Email		

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available. Petitioner/applicant is advised that documents which form the record of a patent application (such as the PTO/SB/01) are placed into the Privacy Act system of records DEPARTMENT OF COMMERCE, COMMERCE-PAT-7, System name: *Patent Application Files*. Documents not retained in an application file (such as the PTO-2038) are placed into the Privacy Act system of COMMERCE/FAT-TM-10, System name: *Deposit Accounts and Electronic Funds Transfer Profiles*.

**U.S. ASSIGNMENT**

(Insert ASSIGNEE's Name(s) Address(es))

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by  
HOSIDEN CORPORATION of 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka 581-0071, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

(Title of Invention)

DEVICE MODULE AND METHOD OF MANUFACTURING THE SAME

(\*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on August 5, 2013, Serial No. 13/958,926

(Kratz, Quintos & Hanson, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

<b>LEGAL NAME OF SOLE OR FIRST INVENTOR:</b>			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Takeshi ISODA			
Inventor's Signature		Date	
Takeshi Isoda		June 21, 2013	
Residence: City	State	Country	
Yao-shi, Osaka		JAPAN	
Mailing Address:			
c/o HOSIDEN CORPORATION, 4-33, Kitakyuhōji 1-chome, Yao-shi, Osaka 581-0071, Japan			
City	State	Zip	Country
Yao-shi, Osaka		581-0071	JAPAN

<b>Legal Name of Additional Joint Inventor, if any:</b>			
<i>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)</i> Koji SHINODA			
Inventor's Signature <i>Koji Shinoda</i>			Date June 21, 2013
Residence: City Yao-shi, Osaka		State	Country JAPAN
Mailing Address c/o HOSIDEN CORPORATION, 4-33, Kitakyuhoji 1-chome, Yao-shi, Osaka 581-0071, Japan			
City Yao-shi, Osaka		State	Zip 581-0071 Country JAPAN
<b>Legal Name of Additional Joint Inventor, if any:</b>			
<i>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)</i>			
Inventor's Signature:			Date:
Residence: City		State	Country
Mailing Address:			
City		State	Zip Country
<b>Legal Name of Additional Joint Inventor, if any:</b>			
<i>(E.g., Given Name (first and middle (if any)) and Family Name or Surname)</i>			
Inventor's Signature:			Date:
Residence: City		State	Country
Mailing Address:			
City		State	Zip Country

## Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT

RECORDED: 08/28/2013

REEL: 031103 FRAME: 0168