### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5572429

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
HIROAKI KODAMA	06/13/2019	
ATSUSHI ISHIDA	06/14/2019	
KAZURO NISHIWAKI	06/13/2019	

#### **RECEIVING PARTY DATA**

Name:	IBIDEN CO., LTD.
Street Address:	1, KANDACHO 2-CHOME, OGAKI
City:	GIFU
State/Country:	JAPAN
Postal Code:	503-8604

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

Property Type	Number
Application Number:	16441233

#### CORRESPONDENCE DATA

Fax Number: (703)413-2220

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) 413-3000

Email: mdavidson@oblon.com

**Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	522284US
NAME OF SUBMITTER:	MIYAKO DAVIDSON
SIGNATURE:	/Miyako Davidson/
DATE SIGNED:	06/14/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

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

source=522284USAssignment#page1.tif source=522284USAssignment#page2.tif source=522284USAssignment#page3.tif

> **PATENT REEL: 049476 FRAME: 0839** 505525623

Attorney Docket Number: 522284US

# DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of INDUCTOR BUILT-IN SUBSTRATE AND METHOD FOR MANUFACTURING			
Invention THE SAME			
As the below named inventor, I hereby declare that:			
This declaration 🖂 The attached application, or			
is directed to: United States application or PCT international application number			
The above-identified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
WHEREAS, IBIDEN CO., LTD.  (hereinafter referred to as "ASSIGNEE") having places of business at: 1. Kandacho 2-chome. Ogaki. Gifu 503-8604  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, 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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 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 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 had this Assignment and sale not been made.			
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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 Letters 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.			
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.			
LEGAL NAME OF INVENTOR			
Inventor: Hiroaki KODAMA Date: 13 - 6 - 2019			
Signature: Hiroaki KODAMA			

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 049476 FRAME: 0840 Attorney Docket Number: 522284US

## DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of INDUCTOR BUILT-IN SUBSTRATE AND METHOD FOR MANUFACTURING THE SAME
As the below named inventor, I hereby declare that:
This declaration   The attached application, or
is directed to: United States application or PCT international application number
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
WHEREAS, IBIDEN CO., LTD. (hereinafter referred to as "ASSIGNEE") having places of business at: 1, Kandacho 2-chome, Ogaki, Gifu 503-8604  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, 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) 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 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 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 had this Assignment and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me 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 Letters 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.
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.
LEGAL NAME OF INVENTOR
Inventor: Atsushi ISHIDA Date: 14 - 6 - 2018
Signature:

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 049476 FRAME: 0841

Attorney Docket Number: 522284US

### DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	INDUCTOR BUILT-IN SUBS THE SAME	TRATE AND METH	OD FOR MANU	FACTURING
As the below name	d inventor, I hereby declare that:			
This declaration ∑	The attached application, or			
is directed to:	United States application or PCT in filed on	nternational application n	umber	
The above-identific	ed application was made or authorize	d to be made by me.	10 (0) 8 (8)	
I believe that I am	the original inventor or an original jo	int inventor of a claimed i	nvention in the app	lication.
Japan, is desirous	DEN CO., LTD.  d to as "ASSIGNEE") having places of acquiring the entire right, title ar granted therefore in the United Sta	nd interest in and to said	invention and in an	id to any Letters
acknowledged, and said ASSIGNEE, t and in all foreign o other relevant Inter- interest in and to a	FORE, in consideration of the sum of for other good and valuable considered the full and exclusive right to the said countries (including the right to claim mational Treaties and Arrangements any and all Letters Patent which man any and all foreign countries and enewals thereof.	eration, I, by these present invention in the United priority under the terms from the aforesaid applicates by be granted therefor in	nts do sell, assign a States and its territo of the International cation) and the entir the United States a	and transfer unto orial possessions Convention and re right, title and and its territorial
any and all foreign assignce of my ent (his) successors an	ize and request the Patent Office Of a countries to issue any and all of so tire right, title and interest in and to the ad assigns, to the full end of the term would have been held by me had the	aid Letters Patent, when the same, for the sole use in for which said Letters I	granted, to said AS and behoof of said Patent may be grant	SSIGNEE as the ASSIGNEE, its
respecting said in continuation, subst all of said Letters possible to aid said	that I will communicate to said AS vention, and testify in any legal partitute, renewal and reissue application. Patent to be issued to said ASSIG d ASSIGNEE, its (his) successors a nited States and its territorial possessi	proceeding, sign all law ns, execute all necessary on NEE, make all rightful on nd assigns, to obtain and	ful papers, execute assignment papers to paths, and, generally lenforce proper pro	e all divisional, o cause any and y do everything
	vledge that any willful false statemen iment of not more than five (5) years,		is punishable under	18 U.S.C. 1001
LEGAL NAME O	FINVENTOR			
Inventor: <u>Kazuro</u> Signature: <u>Ka</u>	NISHIWAKI ZYVO A/ISHIWAKI	Date;	13-6-20	<i>11</i>

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 049476 FRAME: 0842

**RECORDED: 06/14/2019**