PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5359403

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ISAMU MIYANISHI	01/21/2019
YUUYA MIYOSHI	01/21/2019
TOHRU KANNO	01/21/2019
SHINJI SAKAGUCHI	01/21/2019

RECEIVING PARTY DATA

Name:	RICOH COMPANY, LTD.
Street Address:	3-6, NAKAMAGOME 1-CHOME, OHTA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	143-8555

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16267409

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.

(703) 413-3000 Phone: Email: AAdams@oblon.com **Correspondent Name:** OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	519759US
NAME OF SUBMITTER:	ARIELLE ADAMS
SIGNATURE:	/Arielle Adams/
DATE SIGNED:	02/05/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 048260 FRAME: 0174

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Invention	METHOD METHOD
As the below named	inventor, I hereby declare that:
This declaration [S]	The attached application, or
is directed to:	United States application or PCT international application number
	filed on
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, Rico	h Company, Ltd.
143-8555, Japan , is s	o as "ASSIGNEE") having places of business as: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and to any y be granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, and for ASSIGNEE, the full a all foreign countries relevant international in and to any and all	ORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby a other good and valuable consideration, I, by these presents do sell, assign and transfer unto said and exclusive right to the said invention in the United States and its territorial possessions and in (including the right to claim priority under the terms of the International Convention and other Treaties and Arrangements from the aforesaid application) and the entire right, title and interest Letters Patent which may be granted therefor in the United States and its territorial possessions oreign countries and in and to any and all divisions, reissues, continuations, substitutions and
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 assigned 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.	
	edge than any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 and of not more than five (5) years, or both.
LEGAL NAME OF F	NVENTOR
	MIYANISHI Date: January 2/ 20/7
Signature: 1/23/mil	<u> </u>

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Invention	METHOD
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 filed on
The above-identified	application was made or authorized to be made by me.
	original inventor or an original joint inventor of a claimed invention in the application.
	h Company, Ltd.
(hereinafter referred to 143-8555, Japan), is o	o as "ASSIGNEE") having places of business at: 3-6. Nakamagome 1-chome, Ohta-ku, Tokyo lesirous of acquiring the entire right, tide and interest in and to said invention and in and to any up the granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, and for ASSIGNEE, the full of all foreign countries (relevant international in and to any and all	ORE, in consideration of the sun of FIVE DOLLARS (\$5.00), the receipt whereof is hereby rather good and valuable consideration, I, by these presents do sell, assign and transfer unto said and exclusive right to the said invention in the United States and its territorial possessions and in including the right to claim priority under the terms of the International Convention and other Treaties and Arrangements from the aforesaid application) and the entire right, title and interest Letters Patent which may be granted therefor in the United States and its territorial possessions reign countries and in and to any and all divisions, reissues, continuations, substitutions and
and all foreign countr of my entire right, fil successors and assign the same would have. Further, I agree th	and request the Patent Office Officials in the United States and its territorial possessions and any ics to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee le and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) is, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as been held by me had this Assignment and sale not been made. The full communicate to said ASSIGNEE or its (his) representatives any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation,
substitute, renewal and Patent to be issued to ASSIGNEE, its (his)	I reissue applications, execute all necessary assignment papers to cause any and all of said Letters is said ASSIGNEE, make all rightful ouths, and, generally do everything possible to aid said successors and assigns, to obtain and enforce proper protection for said invention in the United if possessions and in any and all foreign countries.
I hereby acknowle by fine or imprisonme	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 at of not more than five (5) years, or both.
LEGAL NAME OF E	· · · · · · · · · · · · · · · · · · ·
Inventor: YUUYA	MIYOSHI Date: James 21, 2019
Signature: //ww/	Pripadi:
	,

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

Title of

Title of	SEMICONDUCTOR INTEGRATED CIRC	TUIT AND CLOCK SUPPLY
Invention	METHOD	
As the below named i	nventor, I hereby declare that:	
This declaration 🖂	The attacked application, or	
is directed to:	United States application or PCT international application	on number
	filed on	
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 claime	ed invention in the application.
WHEREAS, Ricol	n Company, Ltd.	
143-8555, Japan . is d	o as "ASSIGNEE") having places of business at: 3-6.1 desirous of acquiring the entire right, title and interest in y be granted therefore in the United States and its territoric	and to said invention and in and to any
acknowledged, and fo ASSIGNEE, the full a all foreign countries (relevant international in and to any and all	ORE, in consideration of the sun of FIVE DOLLARS or other good and valuable consideration, I, by these present exclusive right to the said invention in the United Stational fine the right to claim priority under the terms of Treaties and Arrangements from the aforesaid application. Letters Patent which may be granted therefor in the University countries and in and to any and all divisions, related the countries and in and to any and all divisions.	ints do sell, assign and transfer unto said ites and its territorial possessions and in the International Convention and other in) and the entire right, title and interest ted States and its territorial possessions
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.		
	edge that any willful false statement made in this declaratent of not more than five (5) years, or both.	tion is punishable under 18 U.S.C. 1001
LEGAL NAME OF INVENTOR		
Inventor: <u>TOHRI</u>	JKANNO	Date: <u> </u>
Signature:	u Kannt	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Invention	SEMICONDUCTOR INTEGRATED CIRCUIT AND CLOCK SUPPLY
	METHOD
As the below named i	nventor, I hereby declare that:
This declaration 🛛	The attached application, or
is directed to:	United States application or PCT international application number
	filed on
The above-identified a	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.
	n Company, Ltd.
(hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 143-8555, Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
acknowledged, and for ASSIGNEE, the full a all foreign countries (relevant International in and to any and all I	ORE, in consideration of the sun of FIVE DOLLARS (\$5.00), the receipt whereof is hereby or other good and valuable consideration, I, by these presents do sell, assign and transfer unto said and exclusive right to the said invention in the United States and its territorial possessions and in including the right to claim priority under the terms of the International Convention and other Treaties and Arrangements from the aforesaid application) and the entire right, title and interest Letters Patent which may be granted therefor in the United States and its territorial possessions reign countries and in and to any and all divisions, reissues, continuations, substitutions and
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.	
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I hereby acknowled by fine or imprisonmen	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nt of not more than five (5) years, or both.
LEGAL NAME OF IN	_
Inventor: SHINJI	SAKAGUCHI Date: January 21.2019
Signature:	inji Sakaguchi

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 048260 FRAME: 0179

RECORDED: 02/05/2019