## 506638275 04/30/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6685084

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MOTOHIRO MAEDA	03/24/2021
RYUTA INOBE	03/11/2021
MASAKAZU MATSUURA	04/02/2021
MASAYUKI OOKI	03/08/2021

### **RECEIVING PARTY DATA**

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City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Name:	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION
Name: Street Address:	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION  1-1, SHIBAURA 1-CHOME

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

Property Type	Number
Application Number:	17201104

#### 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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	536049US
NAME OF SUBMITTER:	MELISSA WALLER
SIGNATURE:	/Melissa Waller/
DATE SIGNED:	04/30/2021

PATENT REEL: 056091 FRAME: 0047

506638275

## **Total Attachments: 4**

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ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	SOLID-STATE IMAGING DEVICE	3
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT international application number filed onMarch 15, 2021	17/201,104
The above-identifie	ed application was made or authorized to be made by me.	
I believe that I am t	he original inventor or an original joint inventor of a claimed inventi-	on in the application.
Cor	oushiki Kaisha Toshiba, a corporation of Japan and Toshiba Electroni poration, a corpoatraion of Japan	
Japan and 1-1, Shill in the entire right,	d to as "ASSIGNEES") having places of business at: 1-1, Shibaura paura 1-chome, Minato-ku, Tokyo, Japan, respectively are desirous title and interest in and to said invention and in and to any Letters ted States and its territorial possessions and in any and all foreign co-	of jointly acquiring interests Patent that may be granted
acknowledged, and said ASSIGNEES, and in all foreign of other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the for other good and valuable consideration, I, by these presents do the full and exclusive right to the said invention in the United States countries (including the right to claim priority under the terms of the limitional Treaties and Arrangements from the aforesaid application) my and all Letters Patent which may be granted therefor in the United any and all foreign countries and in and to any and all division newals thereof.	sell, assign and transfer unto and its territorial possessions international Convention and and the entire right, title and ited States and its territorial
any and all foreign assignees of my er their successors and	ze and request the Patent Office Officials in the United States and is countries to issue any and all of said Letters Patent, when granted attire right, title and interest in and to the same, for the sole use and it dissigns, to the full end of the term for which said Letters Patent is would have been held by me had this Assignment and sale not been	to said ASSIGNEES as the behoof of said ASSIGNEES, may be granted, as fully and
respecting said inv continuation, substi- all of said Letters possible to aid said	that I will communicate to said ASSIGNEES or their representate vention, and testify in any legal proceeding, sign all lawful pay tute, renewal and reissue applications, execute all necessary assignment to be issued to said ASSIGNEES, make all rightful oaths, and ASSIGNEES, their successors and assigns, to obtain and enforce ited States and its territorial possessions and in any and all foreign contents.	pers, execute all divisional, ment papers to cause any and and, generally do everything the proper protection for said
	rledge that any willful false statement made in this declaration is puniment of not more than five (5) years, or both.	shable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	The state of the s
Inventor: Ryuta I	NOBE Date: Maj	rch 11, 2021
Signature: K	Yuta Imbe	and the state of t

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

SOLID-STATE IMAGING DEVICE

Title of

Invention		
As the below named in	nventor, I hereby declare that:	
This declaration T	The attached application, or	
	United States application or PCT international applicat filed on March 15, 2021	ion number
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 clai	med invention in the application.
	hiki Kaisha Toshiba, a corporation of Japan and Toshi ration, a corpoatraion of Japan	ba Electronic Devices & Storage
Japan and 1-1, Shibau in the entire right, title	o as "ASSIGNEES") having places of business at: <u>1-ura 1-chome</u> , <u>Minato-ku</u> , <u>Tokyo</u> , <u>Japan</u> , respectively a le and interest in and to said invention and in and to distates and its territorial possessions and in any and all	are desirous of jointly acquiring interests any Letters Patent that may be granted
acknowledged, and for said ASSIGNEES, the and in all foreign coun other relevant Internati interest in and to any	RE, in consideration of the sum of FIVE DOLLARS or other good and valuable consideration, I, by these perful and exclusive right to the said invention in the Untries (including the right to claim priority under the total treaties and Arrangements from the aforesaid and all Letters Patent which may be granted thereforny and all foreign countries and in and to any an wals thereof.	presents do sell, assign and transfer unto nited States and its territorial possessions erms of the International Convention and application) and the entire right, title and or in the United States and its territorial
any and all foreign co- assignees of my entire their successors and as	and request the Patent Office Officials in the United puntries to issue any and all of said Letters Patent, we right, title and interest in and to the same, for the sussigns, to the full end of the term for which said Letwould have been held by me had this Assignment and said the said that the s	hen granted, to said ASSIGNEES as the ole use and behoof of said ASSIGNEES, tters Patent may be granted, as fully and
respecting said invent continuation, substitute all of said Letters Pate possible to aid said A	nat I will communicate to said ASSIGNEES or their nation, and testify in any legal proceeding, sign all te, renewal and reissue applications, execute all neces tent to be issued to said ASSIGNEES, make all right ASSIGNEES, their successors and assigns, to obtain d States and its territorial possessions and in any and a	I lawful papers, execute all divisional, sary assignment papers to cause any and atful oaths, and, generally do everything and enforce proper protection for said
	dge that any willful false statement made in this declar ant of not more than five (5) years, or both.	ation is punishable under 18 U.S.C. 1001
LEGAL NAME OF IN	NVENTOR	egen in de mengen en mengen der mengen det mengen det men det mengen det det det det det det mengen in det de m I
Inventor: Masakazu	MATSUURA D	Date: April 2, 2021
Signature: <u>Masaka</u>		
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OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

SOLID-STATE IMAGING DEVICE

Invention
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 17/201,104 filed on March 15, 2021
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, Kabushiki Kaisha Toshiba, a corporation of Japan and Toshiba Electronic Devices & Storage Corporation, a corpoatraion of Japan
(hereinafter referred to as "ASSIGNEES") having places of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan and 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, respectively are desirous of jointly acquiring interests in 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 ASSIGNEES, 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 ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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 ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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: Masayuki OOKI Date: March 8, 2021
Signature: Masayuki ooki

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 056091 FRAME: 0052

RECORDED: 04/30/2021

Title of