

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7300653

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIROYASU KONDO	04/26/2022
YUKIHIRO FUKUTA	04/21/2022
KAZUMITSU MORIMOTO	04/26/2022
MAKOTO HAYASHI	04/26/2022
RECEIVING PARTY DATA	
Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, SHIBAURA 1-CHOME
City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Name:	TOSHIBA MATERIALS CO., LTD.
Street Address:	8, SHINSUGITA-CHO, ISOGO-KU
City:	YOKOHAMA-SHI, KANAGAWA
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17660861
CORRESPONDENCE DATA	
Fax Number:	(315)233-8320
<i>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.</i>	
Phone:	(315)233-8300
Email:	lcorrea-strauss@burrandbrown.com
Correspondent Name:	STEPHEN P. BURR
Address Line 1:	BURR & BROWN, PLLC
Address Line 2:	P.O. BOX 869
Address Line 4:	FAYETTEVILLE, NEW YORK 13066
ATTORNEY DOCKET NUMBER:	762_024
NAME OF SUBMITTER:	ELIZABETH CORREA-STRAUSS
SIGNATURE:	/ELIZABETH CORREA-STRAUSS/

DATE SIGNED:	04/27/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=Declaration-Assignment#page1.tif source=Declaration-Assignment#page2.tif source=Declaration-Assignment#page3.tif source=Declaration-Assignment#page4.tif source=Declaration-Assignment#page5.tif source=Declaration-Assignment#page6.tif	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET, AND ASSIGNMENT**

Title of Invention: 発明の名称:	SCINTILLATOR ARRAY, METHOD FOR MANUFACTURING SCINTILLATOR ARRAY, RADIATION DETECTOR, AND RADIATION INSPECTION DEVICE
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration is directed to:</p> <p><input checked="" type="checkbox"/> The attached application, or</p> <p><input type="checkbox"/> United States application or PCT International Application Number <u>PCT/JP2020/042172</u> filed on <u>November 12, 2020.</u></p> <p>The above identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>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.</p>	<p>私は、以下に記名された発明者として、ここに下記の 通り宣言する:</p> <p>本宣言は以下に対するものである:</p> <p><input checked="" type="checkbox"/> 添付出願書または</p> <p><input type="checkbox"/> <u>2020 年 11 月 12 日</u> の日に出願された米国 出願番号または PCT 国際出願番号 <u>PCT/JP2020/042172</u> の出願書。</p> <p>上記の特定の出願は私または私の承認によって行われ たものである。</p> <p>私は出願書において特許請求している発明の最初の発 明者または最初の共同発明者であると信じている。</p> <p>私は本宣言における故意の虚偽の記載は米国法典第 18 編第 1001 条に基づき、罰金または五 (5) 年以下の懲 役、もしくはその両方によって処罰されることがある ことを承認する。</p>
<p>ASSIGNMENT: In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to</p>	<p>譲渡証: 各々の署名人に対して支払われた総額 1 ドル (\$ 1.00) および他の適切な有価約因を考慮して、本 署名人 (ら) は、</p>
<p>Name of Assignee: 譲受人の名称:</p> <p>Address of Assignee: 譲受人のアドレス:</p>	<p>Kabushiki Kaisha Toshiba</p> <hr/> <p>1-1, Shibaura 1-Chome</p> <hr/> <p>Minato-Ku, Tokyo</p> <hr/> <p>Japan</p> <hr/>
<p>Name of Assignee: 譲受人の名称:</p> <p>Address of Assignee: 譲受人のアドレス:</p>	<p>Toshiba Materials Co., Ltd.</p> <hr/> <p>8, Shinsugita-Cho, Isogo-Ku</p> <hr/> <p>Yokohama-Shi, Kanagawa</p> <hr/> <p>Japan</p> <hr/>

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor for which the undersigned have executed an application for patent in the United States of America.

(以下、譲受人と称する)に対して、譲渡に同意し、本発明および特許のための全ての出願、署名人がアメリカ合衆国において特許出願を行い付与された全ての特許証における、アメリカ合衆国ならびにその領土、属領、財産のための全ての権利、所有権、および利権を譲受人に移転および譲渡する。

Legal Name of Inventor/Assignor: Hiroyasu KONDO
発明者/譲渡人の氏名

Inventor/Assignor (発明者/譲渡人): Hiroyasu Kondo

Date (日付): April 26, 2022

Legal Name of Inventor/Assignor: Yukihiro FUKUTA
発明者/譲渡人の氏名

Inventor/Assignor (発明者/譲渡人): _____

Date (日付): _____

Legal Name of Inventor/Assignor: Kazumitsu MORIMOTO
発明者/譲渡人の氏名

Inventor/Assignor (発明者/譲渡人): Kazumitsu Morimoto

Date (日付): April 26, 2022

Legal Name of Inventor/Assignor: Makoto HAYASHI
発明者/譲渡人の氏名

Inventor/Assignor (発明者/譲渡人): Makoto Hayashi

Date (日付): April 26, 2022

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

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

Title of Invention	SCINTILLATOR ARRAY, METHOD FOR MANUFACTURING SCINTILLATOR ARRAY, RADIATION DETECTOR, AND RADIATION INSPECTION DEVICE		
This statement is directed to:			
<input checked="" type="checkbox"/> The attached application,			
OR			
<input type="checkbox"/> United States application or PCT international application number _____ filed on _____			
LEGAL NAME of inventor to whom this substitute statement applies:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Yukihiko FUKUTA			
Residence (except for a deceased or legally incapacitated inventor):			
City	Yokohama-Shi	State	Kanagawa
		Country	Japan
Mailing Address (except for a deceased or legally incapacitated inventor):			
c/o Toshiba Materials Co., Ltd., 8, Shinsugita-Cho, Isogo-Ku			
City	Yokohama-Shi	State	Kanagawa
		Zip	235-0032
		Country	Japan
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input type="checkbox"/> Assignee,			
<input checked="" type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint Inventor.			

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. 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 1.11 and 1.14. This collection is estimated to take 1 minute 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, U.S. Department of Commerce, 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-9195

PATENT
REEL: 059748 FRAME: 0304

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

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- ☒ Inventor is deceased,
- ☐ Inventor is under legal incapacity,
- ☐ Inventor cannot be found or reached after diligent effort, or
- ☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- ☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity 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.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: **Teruo KINOSHITA** Date (Optional): **4/21/2022**

Signature: **/Teruo KINOSHITA/****APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

If the applicant is a juristic entity, list the applicant name and the title of the signer:

KABUSHIKI KAISHA TOSHIBA

Applicant Name:

Title of Person Executing This Substitute Statement: **General Manager, Intellectual Property Division**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City: _____ State: _____ Country: _____

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

City: _____ State: _____ Zip: _____ Country: _____

City: _____ State: _____ Zip: _____ Country: _____

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

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This statement is directed to:			
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OR			
<input type="checkbox"/> United States application or PCT international application number _____ filed on _____			
LEGAL NAME of inventor to whom this substitute statement applies:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
Yukihiro FUKUTA			
Residence (except for a deceased or legally incapacitated inventor):			
City	Yokohama-Shi	State	Kanagawa
		Country	Japan
Mailing Address (except for a deceased or legally incapacitated inventor):			
c/o Toshiba Materials Co., Ltd., 8, Shinsugita-Cho, Isogo-Ku			
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I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
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<input type="checkbox"/> Assignee,			
<input checked="" type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint Inventor.			

[Page 1 of 2]

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If you need assistance in completing the form, call 1-800-PTO-9199 and 5.

PATENT
REEL: 059748 FRAME: 0306

SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- ☒ Inventor is deceased,
☐ Inventor is under legal incapacity,
☐ Inventor cannot be found or reached after diligent effort, or
☐ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

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PERSON EXECUTING THIS SUBSTITUTE STATEMENT:Name: **Katsuaki AOKI**Date (Optional): **April, 18, 2022**

Signature:

*Katsuaki Aoki***APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

If the applicant is a juristic entity, list the applicant name and the title of the signer:

TOSHIBA MATERIALS CO., LTD.

Applicant Name:

Title of Person Executing This Substitute Statement: **President & CEO**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City

State

Country

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

City

State

Zip

Country

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.