# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6163891

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
NORIKATSU SASAO	06/18/2020	
KOJI ASAKAWA	06/18/2020	
SHINOBU SUGIMURA	06/18/2020	

## **RECEIVING PARTY DATA**

Name:	KIOXIA CORPORATION
Street Address:	1-21, SHIBAURA 3-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16814030

## **CORRESPONDENCE DATA**

Fax Number:

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:** 202-408-4000

Email: anita.nylander@finnegan.com

Correspondent Name: FINNEGAN, HENDERSON, FARABOW, GARRETT &

Address Line 1: 901 NEW YORK AVENUE, NW
Address Line 4: WASHINGTON, D.C. 20001-4413

ATTORNEY DOCKET NUMBER: 14313.0008	
NAME OF SUBMITTER:	ANITA L. NYLANDER
SIGNATURE:	/Anita L. Nylander/
DATE SIGNED:	06/22/2020

**Total Attachments: 2** source=asgt#page1.tif source=asgt#page2.tif

PATENT 506117167 REEL: 052997 FRAME: 0148

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No.\_14313.0008-00000

### **ASSIGNMENT**

WHEREAS I/WE are the below-named inventor(s) (hereinafter referred to as Assignor(s)) of an invention entitled:

COMPOUND, POLYMER, PATTERN FORMING MATERIAL, AND MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

as disclosed and claimed in the application identified below this paragraph:

Application Number	Country of Filing	Filing Date	
2019-165444	Japan	September 11, 2019	

WHEREAS, Kioxia CORPORATION, a corporation of Japan, whose post office address is 1-21, Shibaura 3-chome, Minato-ku, Tokyo Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request that any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hands.

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 14313,0008-00000

ASSIGNOR (Inventor)  Marikatsu Aa				,	
Signature					
Norikatsu SASAO					
Print Name					
dune 18,20	20				
Execution Date					
ASSIGNOR (Inventor)	2 UB		s.		
Signafure				•	
Koji ASAKAWA			a.		
Print Name	7450				
Turo 18, Texecution Date	20.24				
Execution Date					
ASSIGNOR (Inventor)	3 uamura				
Signature	<del></del>				*.
Shinobu SUGIMUR	· <b>A</b>				
Print Name		₹			
Jun 18,2	-02-0				
Execution Date					
			ę.		
Assignee Name:	Kioxia CORPO	DRATION	***************************************		
Signature:	n	· · · · · · · · · · · · · · · · · · ·		*****	
Printed Name:	Michihito HAT	SUMI			
Corporate Title:	General Mana	aer . Intellec	tual Propert	lv Divisio	n
-					
Date:	June 17	, 2020			

Page 2 of 2

PATENT REEL: 052997 FRAME: 0150

**RECORDED: 06/22/2020**