504475560 07/26/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOBUTAKE NODERA	07/11/2017
AKIHIRO SHINOZUKA	07/17/2017
SHINJI KOIWA	07/11/2017
MASAHIRO KATO	07/12/2017
TAKAO MATSUMOTO	07/11/2017
TAKASHI FUKE	06/14/2017
DAISHI YOKOYAMA	06/14/2017
KATSUTO TANIGUCHI	06/14/2017

RECEIVING PARTY DATA

Name:	SAKAI DISPLAY PRODUCTS CORPORATION
Street Address:	1, TAKUMICHO, SAKAI-KU
City:	SAKAI-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	590-8522
1	
Name:	AZ ELECTRONIC MATERIALS (LUXEMBOURG) S.A.R.L.
Name: Street Address:	AZ ELECTRONIC MATERIALS (LUXEMBOURG) S.A.R.L. 46 PLACE GUILLAUME II
	, ,
Street Address:	46 PLACE GUILLAUME II

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15546596

CORRESPONDENCE DATA

Fax Number: (650)327-3231

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

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Email: baker@bozpat.com

Correspondent Name: BOZICEVIC, FIELD & FRANCIS LLP
Address Line 1: 201 REDWOOD SHORES PARKWAY

PATENT

504475560 REEL: 043106 FRAME: 0193

Address Line 2: SUITE 200

Address Line 4: REDWOOD CITY, CALIFORNIA 94065

ATTORNEY DOCKET NUMBER: KOHN-163

NAME OF SUBMITTER: BRET E. FIELD

SIGNATURE: /Bret E. Field, Reg. No. 37,620/

DATE SIGNED: 07/26/2017

Total Attachments: 4

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ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No. KOHN-163

THIS ASSIGNMENT, by Nobutake NODERA, Akihiro SHINOZUKA, Shinji KOIWA, Masahiro KATO, and Takao MATSUMOTO (hereinafter referred to as the assignors), residing in Osaka, Japan, and by Takashi FUKE, Daishi YOKOYAMA, and Katsuto TANIGUCHI (hereinafter referred to as the assignors), residing in Shizuoka, Japan, respectively witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

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<u>X</u>	filed on February 3, 2016 as U.S. Application Serial No. or PCT International Application No. PCT/IP2016/053261 designation
	the United States.
	for which an application for a United States Patent was executed on , and

WHEREAS, SAKAI DISPLAY PRODUCTS CORPORATION and AZ ELECTRONIC MATERIALS (LUXEMBOURG) S.A.R.L., corporations duly organized under and pursuant to the laws of Japan and Luxembourg, respectively, and having those principal places of business at 1, Takumicho, Sakai-ku, Sakai-shi, Osaka 590-8522 Japan and 46 Place Guillaume II L-1648 Luxembourg, respectively (hereinafter collectively referred to as the assignees) are desirous of acquiring their right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignees, their successors, legal representatives and assigns, all of their right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignees, for their own use and behalf and the use and behalf of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees, their successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignees, or the counsel of their successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignees, their successors, legal representatives and assigns, but at the cost and expense of said assignees, their successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignees as the assignees of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignees, their successors, legal representatives and assigns.

Date <u>July 11, 2217</u>	Name of Inventor	野寺 神武 Nobutake NODERA
Date	Name of Inventor	Akibiro SHINOZUKA
Date July 11 12017	Name of Inventor	
Date <u>July 12, 2019</u>	Name of Inventor	力。孫 其於 Masahiro KATO

ASSIGNMENT OF APPLICATION (JOINT)

Atty Docket No.

THIS ASSIGNMENT, by Nobutake NODERA. Akihiro SHINOZUKA, Shinji KOIWA, Masahiro KATO, and Takao MATSUMOTO (hereinafter referred to as the assignors), residing in Osaka, Japan, and by Takashi FUKE, Daishi YOKOYAMA, and Katsuto TANIGUCHI (hereinafter referred to as the assignors), residing in Shizuoka, Japan, respectively witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in:

"POSITIVE TYPE PHOTOSENSITIVE SILOXANE COMPOSITION, ACTIVE MATRIX SUBSTRATE, DISPLAY APPARATUS, AND METHOD OF MANUFACTURING ACTIVE MATRIX SUBSTRATE"

X	filed on February 3, 2016 as U.S. Application Serial No. or PCT International Application No. PCT/IP2016/053261 designating
	the United States:
	for which an application for a United States Patent was executed on, and

WHEREAS, SAKAI DISPLAY PRODUCTS CORPORATION and AZ ELECTRONIC MATERIALS (LUXEMBOURG) S.A.R.L., corporations duly organized under and pursuant to the laws of Japan and Luxembourg, respectively, and having those principal places of business at I, Takumicho, Sakai-ku, Sakai-shi, Osaka 590-8522 Japan and 46 Place Guillaume II L-1648 Luxembourg, respectively (hereinafter collectively referred to as the assignees) are desirous of acquiring their right, title and interest in and to said invention and said application for Leiters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, for good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignees, their successors, legal representatives and assigns, all of their right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignees, for their own use and behalf and the use and behalf of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignees, their successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignees, or the counsel of their successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignees, their successors, legal representatives and assigns, but at the cost and expense of said assignees, their successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignees as the assignees of said invention and the Letters Patent to be issued thereon for the use and behalf of said assignees, their successors, legal representatives and assigns.

Date	Name of Inventor	
Date July, 17, 2017	Nobutake NODERA Name of Inventor Akihiro SHINOZUKA	
Date	Name of Inventor Shinji KOIWA	
Date	Name of InventorMasabiro KATO	

Date <u>14 (1, 26 (1)</u>	Name of Inventor	大本 路大 Takao MATSUMOTO
Date	Name of Inventor	Takashi FUKE
Date	Name of Inventor	Daishi YOKOYAMA
Date	Name of Inventor	Katsuto TANIGUCHI

Date 14 /06 / 2017	Name of Inventor Takashi FUKE	
Date 14 / 06 / 2017	Name of Inventor	
Date /4/06/ 20/7	Name of Inventor	
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PATENT REEL: 043106 FRAME: 0198

RECORDED: 07/26/2017