

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6850838

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	UNIQARTA, INC.	06/29/2021
RECEIVING PARTY DATA		
Name:	KULICKE AND SOFFA INDUSTRIES, INC.	
Street Address:	1005 VIRGINIA DRIVE	
City:	FORT WASHINGTON	
State/Country:	PENNSYLVANIA	
Postal Code:	19034	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	16069801	
Application Number:	16621432	
CORRESPONDENCE DATA		
Fax Number:	(877)769-7945	
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ATTORNEY DOCKET NUMBER:	39248-0009US1;0011US1	
NAME OF SUBMITTER:	KALLIOPI GANTZOUDIS	
SIGNATURE:	/Kalliopi Gantzoudis/	
DATE SIGNED:	08/05/2021	
Total Attachments: 8		
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PATENT RIGHTS ASSIGNMENT

This Patent Rights Assignment (this "Assignment") is made effective as of June 29, 2021, by and between Uniqarta, Inc., a corporation organized and existing under the laws of the State of Delaware ("Assignor") and Kulicke and Soffa Industries, Inc., a corporation organized and existing under the laws of the Commonwealth of Pennsylvania ("Assignee").

WHEREAS, Assignor possesses certain rights in and to the patents and applications (and patents issuing on or claiming priority to such patents or applications) set forth on Exhibit A attached hereto and incorporated herein by reference (collectively, the "Patent Rights") and the inventions described and/or claimed in the Patent Rights (the "Inventions"); and

WHEREAS, Assignor is a wholly-owned subsidiary of Assignee, and Assignor now wishes to assign the Inventions and Patent Rights to Assignee, and Assignee desires to acquire the Inventions and Patent Rights from Assignor.

NOW, THEREFORE, in consideration of the premises set forth above and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged:

Assignor does hereby assign, convey and transfer unto Assignee and its successors, assigns, and legal representatives, Assignor's entire right, title and interest in and throughout the world in and to the Inventions, together with Assignor's entire right, title and interest in and to the Patent Rights and such other patents as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of patents and patent applications within the Patent Rights or such other patents, and any right, title and interest Assignor may have in applications to which the Patent Rights claim priority; the Inventions and the Patent Rights to be held and enjoyed by Assignee for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made; and Assignor hereby conveys all of its rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. Assignor hereby acknowledges that this assignment, being of Assignor's entire right, title and interest in and to the Inventions and the Patent Rights carries with it the right in Assignee to apply for and obtain from competent authorities in all countries of the world any and all patents by attorneys and agents of Assignee's selection and the right to procure the grant of all patents to Assignee in its own name as assignee of Assignor's entire right, title and interest therein.

Assignor does hereby authorize the Director of the United States Patent & Trademark Office, and the empowered officials of all other governments whose duty it is to record patents, applications and title thereto, to record the Patent Rights and title thereto as the property of Assignee, its successors, assigns, or legal representatives in accordance with the terms of this instrument.

Assignor does hereby further authorize and request the Director of the United States Patent and Trademark Office and the empowered officials of all other governments to issue such Patent Rights or patents as shall be granted upon the Patent Rights, or applications based thereon, to Assignee, its successors, assigns, or legal representatives.

Assignee and Assignor also agree that multiple copies of this Assignment may be executed, each of which shall be deemed an original, and each of which shall be valid and binding upon Assignee and Assignor.

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IN WITNESS WHEREOF, Assignor and Assignee have caused this Assignment to be executed as a sealed instrument by their duly authorized representatives as of the date first written above.

ASSIGNOR: Uniqarta, Inc.

Name: Stephen Drake

Signature: _____

DocuSigned by:

Stephen Drake 29 June 2021 | 13:27 SGT

F3CE54C22C10413...

Title: Director

ASSIGNEE: Kulicke and Soffa Industries, Inc.

Name: Fusen Chen

Signature: _____

DocuSigned by:

Fusen Chen 28 June 2021 | 23:18 PDT

C6B4C492907A442...

Title: Director

Exhibit A**PATENT RIGHTS**

Jurisdiction	Title	App No.	Reg. No.	Filing Date	Issue Date
United States	ELECTRONIC DEVICE INCORPORATED INTO A SHEET	15/101,530	10,218,049	6/3/2016	2/26/2019
PCT	ELECTRONIC DEVICE INCORPORATED INTO A SHEET	PCT/US2014/068560	N/A	12/4/2014	N/A
United States	SETTING UP ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS FOR EASY ASSEMBLY	16/726,474	10,937,680	12/24/2019	3/2/2021
China	SETTING UP ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS FOR EASY ASSEMBLY	201580053887.3	Pending/Allowed	8/4/2015	N/A
Japan	SETTING UP ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS FOR EASY ASSEMBLY	2017-527190	6480583	8/4/2015	2/15/2019
South Korea	SETTING UP ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS FOR EASY ASSEMBLY	10-2017-7006045	2240810	8/4/2015	4/9/2021
South Korea	SETTING UP ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS FOR EASY ASSEMBLY	10-2021-7008078	Pending	8/4/2015	N/A
United States	SETTING UP ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS FOR EASY ASSEMBLY	15/501,330	10,529,614	2/2/2017	1/7/2020
United States	SETTING UP ULTRA-SMALL OR ULTRA-THIN DISCRETE	17/164,269	Pending	2/1/2021	N/A

	COMPONENTS FOR EASY ASSEMBLY				
PCT	SETTING UP ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS FOR EASY ASSEMBLY	PCT/US2015/043550	N/A	8/4/2015	N/A
China	PLACING ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS	201780017238.7	Pending	1/12/2017	N/A
European Patent Convention	PLACING ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS	17738950.9	Pending	1/12/2017	N/A
Japan	PLACING ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS	2018-536735	6759343	1/12/2017	9/4/2020
Japan	PLACING ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS	2020-146643	Pending	1/12/2017	N/A
South Korea	PLACING ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS	10-2018-7023450	2203790	1/12/2017	1/11/2021
South Korea	PLACING ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS	10-2021-7000730	Pending	1/12/2017	N/A
Taiwan	PLACING ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS	105102254	Pending	1/25/2016	N/A
United States	PLACING ULTRA-SMALL OR ULTRA-THIN DISCRETE COMPONENTS	16/069,801	10,748,802	7/12/2018	8/18/2020
PCT	PLACING ULTRA-SMALL OR ULTRA-THIN DISCRETE	PCT/US2017/013216	N/A	1/12/2017	N/A

	COMPONENTS				
China	CONNECTING ELECTRONIC COMPONENTS TO SUBSTRATES	201780040912.3	Pending	4/21/2017	N/A
Taiwan	CONNECTING ELECTRONIC COMPONENTS TO SUBSTRATES	106114357	Pending	4/28/2017	N/A
United States	CONNECTING ELECTRONIC COMPONENTS TO SUBSTRATES	16/096,618	Pending	10/25/2018	N/A
PCT	CONNECTING ELECTRONIC COMPONENTS TO SUBSTRATES	PCT/US2017/028964	N/A	4/21/2017	N/A
China	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	201880002383.2	Pending	4/25/2018	N/A
European Patent Convention	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	18817530.1	Pending	4/25/2018	N/A
Japan	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	2018-553154	6720333	4/25/2018	6/19/2020
Japan	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	2020-104524	Pending	4/25/2018	N/A
South Korea	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	10-2018-7032338	2160225	4/25/2018	9/21/2020
South Korea	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	10-2020-7027175	Pending	4/25/2018	N/A

Taiwan	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	107120190	I723269	6/12/2018	4/1/2021
Taiwan	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	110107322	Pending	6/12/2018	N/A
United States	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	16/621,432	Pending	12/11/2019	N/A
PCT	PARALLEL ASSEMBLY OF DISCRETE COMPONENTS ONTO A SUBSTRATE	PCT/US2018/029347	N/A	4/25/2018	N/A
PCT	MATERIAL FOR POSITIONAL ERROR COMPENSATION IN ASSEMBLY OF DISCRETE COMPONENTS	PCT/US2020/037227	N/A	6/11/2020	N/A
Taiwan	POSITIONAL ERROR COMPENSATION IN ASSEMBLY OF DISCRETE COMPONENTS	109119739	Pending	6/11/2020	N/A
Taiwan	POSITIONAL ERROR COMPENSATION IN ASSEMBLY OF DISCRETE COMPONENTS BY ADJUSTMENT OF OPTICAL SYSTEM CHARACTERISTICS	109119740	Pending	6/11/2020	N/A
PCT	POSITIONAL ERROR COMPENSATION IN ASSEMBLY OF DISCRETE COMPONENTS BY ADJUSTMENT OF OPTICAL SYSTEM CHARACTERISTICS	PCT/US2020/037230	N/A	6/11/2020	N/A
Taiwan	DYNAMIC RELEASE TAPES FOR ASSEMBLY	109104815	Pending	2/14/2020	N/A

	OF DISCRETE COMPONENTS				
PCT	DYNAMIC RELEASE TAPES FOR ASSEMBLY OF DISCRETE COMPONENTS	PCT/US2020/018262	N/A	2/14/2020	N/A
Taiwan	DIE CATCHING TAPE	109143085	Pending	12/7/2020	N/A
PCT	ADHESIVE TAPE FOR RECEIVING DISCRETE COMPONENTS	PCT/US2020/63609	N/A	12/7/2020	N/A