

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM403483

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
UNI-PIXEL, INC.		10/18/2016	Corporation: DELAWARE
UNI-PIXEL DISPLAYS, INC.		10/18/2016	Corporation: TEXAS
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	WESTERN ALLIANCE BANK		
<b>Street Address:</b>	55 Almaden Boulevard, Suite 100		
<b>City:</b>	San Jose		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95113		
<b>Entity Type:</b>	Corporation: ARIZONA		
<b>PROPERTY NUMBERS Total: 6</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	4382277	UNIPIXEL	
<b>Registration Number:</b>	4378639	DIAMOND GUARD	
<b>Serial Number:</b>	87078637	DIAMOND TOUCH	
<b>Registration Number:</b>	4275649	UNIPIXEL	
<b>Registration Number:</b>	4436821	UNIBOSS	
<b>Registration Number:</b>	4009785	CLEARLY SUPERIOR	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	6506440520		
<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>			
<b>Phone:</b>	(650) 648-3802		
<b>Email:</b>	patty@pattycheng.com		
<b>Correspondent Name:</b>	Patty Cheng		
<b>Address Line 1:</b>	2625 MIDDLEFIELD ROAD, SUITE 215		
<b>Address Line 4:</b>	PALO ALTO, CALIFORNIA 94306		
<b>NAME OF SUBMITTER:</b>	Patty Cheng		
<b>SIGNATURE:</b>	/s/ Patty Cheng		
<b>DATE SIGNED:</b>	10/27/2016		

OP \$165.00 4382277

**Total Attachments: 10**

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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of October 18, 2016 (the "Agreement") between UNI-PIXEL, INC., a Delaware corporation ("Parent"), UNI-PIXEL DISPLAYS, INC., a Texas Corporation ("Subsidiary") and WESTERN ALLIANCE BANK, an Arizona corporation ("Lender") is made with reference to the Loan and Security Agreement, dated as of October 18, 2016 (as amended from time to time, the "Loan Agreement"), between Lender, Parent and Subsidiary. Terms defined in the Loan Agreement have the same meaning when used in this Agreement.

For good and valuable consideration, receipt of which is hereby acknowledged, Parent and Subsidiary (referred to herein collectively as "Grantor") hereby covenants and agrees as follows:

To secure the Obligations under the Loan Agreement, Grantor grants to Lender a security interest in all right, title, and interest of Grantor in any of the following, whether now existing or hereafter acquired or created in any and all of the following property (collectively, the "Intellectual Property Collateral"):

(a) copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held (collectively, the "Copyrights"), including the Copyrights described in Exhibit A;

(b) trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks (collectively, the "Trademarks"), including the Trademarks described in Exhibit B;

(c) patents, patent applications and like protections including without limitation improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same (collectively, the "Patents"), including the Patents described in Exhibit C;

(d) mask work or similar rights available for the protection of semiconductor chips or other products (collectively, the "Mask Works");

(e) trade secrets, and any and all intellectual property rights in computer software and computer software products;

(f) design rights;

(g) claims for damages by way of past, present and future infringement of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works, and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) amendments, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

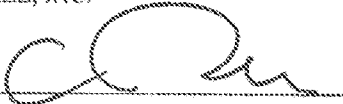
(j) proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

The rights and remedies of Lender with respect to the security interests granted hereunder are in addition to those set forth in the Loan Agreement, and those which are now or hereafter available to Lender as a matter of law or equity. Each right, power and remedy of Lender provided for herein or in the Loan Agreement, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein, and the exercise by Lender of any one or more of such rights, powers or remedies does not preclude the simultaneous or later exercise by Lender of any other rights, powers or remedies.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first written above.

GRANTOR:

UNI-PIXEL, INC.

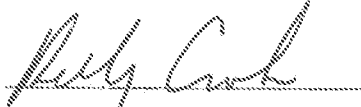
By: 

Name: CHRISTINE RUSSELL

Title: CFO

LENDER:

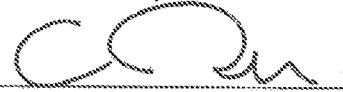
WESTERN ALLIANCE BANK

By: 

Name: Kelly Cook

Title: Sr. VP

UNI-PIXEL DISPLAYS, INC.

By: 

Name: CHRISTINE RUSSELL

Title: CFO

Address for Notices:

55 Almaden Boulevard, Suite 100  
San Jose, California 95113  
Attn: Note Department  
Fax: (408) 282-1681

Address for Notices:

4699 Old Ironsides Dr., Suite 300  
Santa Clara, CA 95054  
Attn: Christine Russell

EXHIBIT A

COPYRIGHTS

Please Check if No Copyrights Exist

<u>Owner</u>	<u>Type of Work:</u>	<u>Title:</u>	<u>International Standard Serial Number (ISSN):</u>	<u>Registration Number:</u>	<u>Filing Date:</u>	<u>Pre - registered?</u>

EXHIBIT B

TRADEMARKS

Please Check if No Trademarks Exist

<u>Owner</u>	<u>Mark / Title:</u>	<u>U.S. Serial Number:</u>	<u>U.S. Registration Number:</u>	<u>Filing Date:</u>
Uni-Pixel Displays, Inc.	UNIPIXEL	85643675	4382277	June 5, 2012
Uni-Pixel, Inc.	Diamond Guard	85643604	4378639	June 5, 2012
Uni-Pixel, Inc.	Diamond Touch	87078637		June 21, 2016
Uni-Pixel Displays, Inc.	UNIPIXEL	85643635	4275649	June 5, 2012
Uni-Pixel, Inc.	UNIBOSS	85090961	4436821	July 22, 2010
Uni-Pixel, Inc.	CLEARLY SUPERIOR	77481803	4009785	May 22, 2008

## EXHIBIT C

## PATENTS

Please Check if No Patents Exist **U.S. Patents**

<u>Owner:</u>	<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Filed/ Published?</u>	<u>Issue Date:</u>
UniPixel, Inc.	TWO AND THREE-DIMENSIONAL IMAGE WITH OPTICAL EMISSION FREQUENCY CONTROL	8,651,684	13/812,712	Issued	2/18/2014
UniPixel, Inc.	METHOD OF MARKING A TRANSPARENT SUBSTRATE FOR VISUAL ALIGNMENT	9,132,623	13/851,933	Issued	9/15/2015
UniPixel, Inc.	FLEXIBLE SCRATCH RESISTANCE FILM FOR DISPLAY DEVICES	N/A	14/354,507	Published	N/A
UniPixel, Inc.	SCRATCH RESISTANT TOUCH SENSOR	N/A	14/354,526	Published	N/A
UniPixel, Inc.	TOUCH SCREEN WITH CONDUCTIVE MESH UNDER POLARIZER	N/A	14/083,714	Published	N/A
UniPixel, Inc.	POLARIZER CAPACITIVE TOUCH SCREEN	9,158,144	13/980,225	Issued	10/13/2015
UniPixel, Inc.	FOLDABLE MULTI-TOUCH SURFACE	N/A	14/423,276	Published	N/A
UniPixel, Inc.	FORMING CONDUCTIVE PATTERNS USING INK COMPRISING METAL NANOPARTICLES	N/A	14/401,209	Filed	N/A
UniPixel, Inc.	METHOD OF CONTROLLING OXYGEN LEVELS FOR ELECTROLESS PLATING OF CATALYTIC FINE LINES OR FEATURES	N/A	14/455,181	Published	N/A
UniPixel, Inc.	RADIATION-CURABLE HARD-COAT COMPOSITION	N/A	14/727,789	Published	N/A
UniPixel, Inc.	CATALYTIC PHOTORESIST FOR PHOTOLITHOGRAPHIC	N/A	14/674,372	Filed	N/A

	METAL MESH TOUCH SENSOR FABRICATION				
UniPixel, Inc.	RADIATION-CURABLE OPTICALLY CLEAR COATING COMPOSITION FOR TOUCH SENSORS	N/A	14/727,818	Published	N/A
UniPixel, Inc.	MULTI-STATION FLEXOGRAPHIC PRINTING SYSTEM FOR PATTERNED COATING DEPOSITION	N/A	14/727,843	Published	N/A
UniPixel, Inc.	MULTI-LAYERED SCRATCH RESISTANCE FILM	N/A	14/275,509	Published	N/A
UniPixel, Inc.	FLEXOGRAPHIC PRINTING USING FLEXOGRAPHIC PRINTING ROLL CONFIGURATIONS	8,899,152	13/980,288	Issued	12/2/2014
Uni-Pixel Displays, Inc.	METHOD OF FABRICATING ELECTRICALLY ISOLATED CONDUCTORS USING FLEXOGRAPHIC VOIDING	N/A	14/594,804	Published	N/A
Uni-Pixel Displays, Inc.	OPTICAL ALIGNMENT OF MULTI-STATION FLEXOGRAPHIC PRINTING SYSTEM USING MOIRE INTERFERENCE	N/A	14/518,923	Published	N/A
Uni-Pixel Displays, Inc.	ROLL-TO-ROLL ELECTROLESS PLATING SYSTEM FOR CONTROLLED SUBSTRATE DEPTH	N/A	14/495,373	Published	N/A
Uni-Pixel Displays, Inc.	METHOD OF FABRICATING A CONDUCTIVE PATTERN WITH HIGH OPTICAL TRANSMISSION, LOW REFLECTANCE, AND LOW VISIBILITY	N/A	14/259,507	Published	N/A
Uni-Pixel Displays, Inc.	METHOD OF FABRICATING A CONDUCTIVE PATTERN WITH HIGH OPTICAL TRANSMISSION AND LOW VISIBILITY	N/A	14/259,278	Published	N/A



Uni-Pixel Displays, Inc.	METHOD OF MANUFACTURING A PHOTOMASK WITH FLEXOGRAPHY	9,223,201		Issued	12/29/2015
Uni-Pixel Displays, Inc.	METHOD OF MANUFACTURING A FLEXOGRAPHIC PRINTING PLATE WITH SUPPORT STRUCTURES	9,063,426		Issued	6/23/2015
Uni-Pixel Displays, Inc.	METHOD OF MOUNTING A FLEXOGRAPHIC PRINTING PLATE WITH STRUCTURED PATTERNED BACKING TAPE	9,056,450		Issued	6/16/2015
Uni-Pixel Displays, Inc.	LASER-ASSISTED ALIGNMENT OF MULTI-STATION FLEXOGRAPHIC PRINTING SYSTEM	9,021,952		Issued	05/05/2015
Uni-Pixel Displays, Inc.	METAL MESH TOUCH SENSOR WITH RANDOMIZED PITCH		14/680,763	Published	N/A
Uni-Pixel Displays, Inc.	METAL MESH TOUCH SENSOR WITH RANDOMIZED CHANNEL DISPLACEMENT		14/680,974	Published	N/A

**Taiwan Patents**

<u>Owner:</u>	<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Filed/ Published?</u>	<u>Issue Date:</u>
UniPixel, Inc.	FLEXIBLE SCRATCH RESISTANCE FILM FOR DISPLAY DEVICES	N/A	101121704	Published	N/A
UniPixel, Inc.	A METHOD FOR REDUCING GLARE VIA A FLEXOGRAPHIC PRINTING PROCESS	N/A	101139205	Published	N/A
UniPixel, Inc.	SCRATCH RESISTANCE TOUCH SENSOR	N/A	101139207	Published	N/A
UniPixel, Inc.	OPTICAL PROPERTIES ALTERATIONS OF HIGH RESOLUTION CONDUCTING	N/A	101139436	Published	N/A

	PATTERNS				
UniPixel, Inc.	TOUCH SCREEN WITH CONDUCTIVE MESH UNDER POLARIZER	N/A	102148675	Published	N/A
UniPixel, Inc.	FOLDABLE MULTI-TOUCH SURFACE	N/A	102133358	Published	N/A
UniPixel, Inc.	METHOD OF CONTROLLING OXYGEN LEVELS FOR ELECTROLESS PLATING OF CATALYTIC FINE LINES OR FEATURES	N/A	103128763	Filed	N/A
UniPixel, Inc.	CATALYTIC PHOTORESIST FOR PHOTOLITHOGRAPHIC METAL MESH TOUCH SENSOR FABRICATION	N/A	104112359	Filed	N/A
UniPixel, Inc.	COATED NANO-PARTICLE CATALYTICALLY ACTIVE COMPOSITE INKS	N/A	101141719	Published	N/A
UniPixel, Inc.	METHOD OF PASSIVATING A CONDUCTIVE PATTERN WITH SELF-ASSEMBLING MONOLAYERS	N/A	103108636	Published	N/A
UniPixel, Inc.	INK COMPOSITION FOR MANUFACTURE OF HIGH RESOLUTION CONDUCTING PATTERNS	N/A	102112673	Published	N/A

**Republic of Korea Patents**

<u>Owner:</u>	<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Filed/ Published?</u>	<u>Issue Date:</u>
UniPixel, Inc.	FORMATION OF ELECTRICALLY CONDUCTIVE PATTERN BY SURFACE ENERGY MODIFICATION	10-1377084-0000	10-2012-7014574	Issued	3/17/2014

UniPixel, Inc.	TOUCH SCREEN WITH CONDUCTIVE MESH UNDER POLARIZER	N/A	10-2016-7016314	Filed	N/A
UniPixel, Inc.	POLARIZER CAPACITIVE TOUCH SCREEN	10-1611379	10-2014-7014117	Issued	4/5/2016
UniPixel, Inc.	FOLDABLE MULTI-TOUCH SURFACE	N/A	10-2015-7008099	Published	N/A

**Great Britain Patents**

<u>Owner:</u>	<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Filed/ Published?</u>	<u>Issue Date:</u>
UniPixel, Inc.	FLEXIBLE SCRATCH RESISTANCE FILM FOR DISPLAY DEVICES	N/A	1407916.4	Published	N/A
UniPixel, Inc.	SCRATCH RESISTANT TOUCH SENSOR	N/A	1407914.9	Published	N/A

**China Patents**

<u>Owner:</u>	<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Filed/ Published?</u>	<u>Issue Date:</u>
UniPixel, Inc.	FLEXIBLE SCRATCH RESISTANCE FILM FOR DISPLAY DEVICES	N/A	201280058274.5	Published	N/A
UniPixel, Inc.	METHOD OF CHANGING THE OPTICAL PROPERTIES OF HIGH RESOLUTION CONDUCTING PATTERNS	N/A	201280064302.4	Published	N/A
UniPixel, Inc.	FOLDABLE MULTI-TOUCH SURFACE	N/A	201380048011.0	Published	N/A
UniPixel, Inc.	FORMING CONDUCTIVE PATTERNS USING INK COMPRISING METAL NANOPARTICLES AND NANOWIRES	N/A	201380025936.3	Filed	N/A

**Japan Patents**

<u>Owner:</u>	<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Filed/ Published?</u>	<u>Issue Date:</u>
UniPixel, Inc.	TOUCH SCREEN WITH CONDUCTIVE MESH UNDER POLARIZER	N/A	2016-532063	Filed	N/A
UniPixel, Inc.	FOLDABLE MULTI-TOUCH SURFACE	N/A	2015-532037	Published	N/A

**European Patent Convention Patents**

<u>Owner:</u>	<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Filed/ Published?</u>	<u>Issue Date:</u>
UniPixel, Inc.	TOUCH SCREEN WITH CONDUCTIVE MESH UNDER POLARIZER	N/A	13898011.5	Filed	N/A
UniPixel, Inc.	FOLDABLE MULTI-TOUCH SURFACE	N/A	13837827.8	Published	N/A

**Patent Cooperation Treaty Patent**

<u>Owner:</u>	<u>Title:</u>	<u>Patent Number:</u>	<u>Application Serial Number:</u>	<u>Issued or Filed/ Published?</u>	<u>Issue Date:</u>
UniPixel, Inc.	RADIATION-CURABLE HARD-COAT COMPOSITION	N/A	PCT/US2015/033619	Published	N/A