

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM415094

<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>
MERSIVE TECHNOLOGIES, INC.		01/31/2017	Corporation: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	SILICON VALLEY BANK		
<b>Street Address:</b>	3003 TASMAN DRIVE		
<b>City:</b>	SANTA CLARA		
<b>State/Country:</b>	CALIFORNIA		
<b>Postal Code:</b>	95054		
<b>Entity Type:</b>	Corporation: CALIFORNIA		
<b>PROPERTY NUMBERS Total: 3</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	3544046	MERSIVE	
<b>Registration Number:</b>	4268548	PIXEL LANDSCAPE	
<b>Registration Number:</b>	3544045	SOL	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	4048853900		
<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>	4048853868		
<b>Email:</b>	rusty.close@troutmansanders.com		
<b>Correspondent Name:</b>	CHRISTOPHER CLOSE		
<b>Address Line 1:</b>	TROUTMAN SANDERS LLP		
<b>Address Line 2:</b>	600 PEACHTREE STREET NE, SUITE 5200		
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30308-2216		
<b>ATTORNEY DOCKET NUMBER:</b>	220763.002190		
<b>NAME OF SUBMITTER:</b>	Christopher Close		
<b>SIGNATURE:</b>	/Christopher Close/		
<b>DATE SIGNED:</b>	02/06/2017		
<b>Total Attachments: 12</b>			
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## INTELLECTUAL PROPERTY SECURITY AGREEMENT

THIS INTELLECTUAL PROPERTY SECURITY AGREEMENT ("Agreement") is entered into as of January 31, 2017 by and between SILICON VALLEY BANK, a California corporation ("Bank") and MERSIVE TECHNOLOGIES, INC., a Delaware corporation ("Grantor").

### RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodation to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated the Effective Date (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein, but not otherwise defined herein, are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations under the Loan Agreement, Grantor hereby represents, warrants, covenants and agrees as follows:

### AGREEMENT

1. Grant of Security Interest. To secure its obligations under the Loan Agreement, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "Intellectual Property Collateral"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work or 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, including without limitation those set forth on Exhibit A attached hereto (collectively, the "Copyrights");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto and any patents and patent applications claiming the priority benefit of the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "Patents");

(e) Any 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, including without limitation those set forth on Exhibit C attached hereto (collectively, the "Trademarks");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "Mask Works");

(g) Any and all claims for damages by way of past, present and future infringements 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) All 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) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All 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.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Authorization. Grantor hereby authorizes Bank to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

6. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

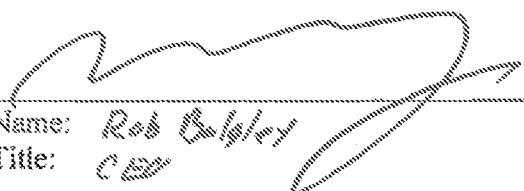
7. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

MERSIVE TECHNOLOGIES, INC.

By:   
Name: Rob Cole  
Title: CEO

BANK:

SILICON VALLEY BANK

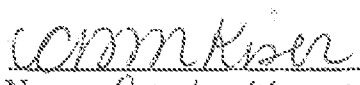
By:   
Name: Carly Kiser  
Title: VP

EXHIBIT A

Copyrights

Description	Registration Number	Application Number
None Identified		

EXHIBIT B

Patents

Description	Application Number	Registration Number
Method and Apparatus for Seamless Integration of Multiple Video Projectors		6,760,075 (07/06/2004)
Alignment Optimization in Image Display Systems Employing Multi-Camera Image Acquisition		7,740,361 (06/22/2010)
Projector Calibration Using Validated and Corrected Image Fiducials		7,763,836 (07/27/2010)
Hybrid System for Multi-Projector Geometry Calibration		7,773,827 (08/10/2010)
Multi-Projector Intensity Blending System		7,866,832 (01/11/2011)
System and Method for Calibrating an Image Projection System		7,893,393 (02/22/2011)
Sensor Driven Automatic Display Configuration System and Method		8,487,833 (07/16/2013)



Description	Application Number	Registration Number
System and Method for Automatic Color Matching in a Multi-Display System Using Sensor Feedback Control		8,606,004 (12/10/2013)
System and Method for Image Aspect Preservation in Multiple Projector Alignment		8,786,788 (07/22/2014)
Color Measurement and Correction of Multiple Display Devices		9,066,088 (06/23/2015)
System and Method for Automatic Color Matching in a Multi Display System Using Sensor Feedback Control		9,437,160 (09/06/2016)
System and Method for Multi-Projector Rendering of Decoded Video Data	11/735,258 (04/13/2007)	
Ultra-Resolution Display Technology	12/055,721 (03/26/2008)	
Multiple-Display Systems and Methods of Generating Multiple-Display Images	12/425,896 (04/17/2009)	
Systems and Methods for Generating Images Using Radiometric Response Characterizations	12/467,749 (05/18/2009)	

Description	Application Number	Registration Number
Camera-Based Color Correction of Display Devices	12/956,572 (11/30/2010)	
Graphical Indicator of Presence, Identity, and Action for Media Sharing on a Display	14/012,977 (08/28/2013)	
System and Method for Display Device Access Management	14/040,395 (09/27/2013)	
System and Method for Multi-User Control and Media Streaming to a Shared Display	14/190,318 (02/26/2014)	
System and Method for Moderated and On-Demand Visual File Distribution	14/630,515 (02/24/2015)	
System and Method for Display Device Discovery	14/706,431 (05/07/2015)	
Intelligent Shared Display Infrastructure and Associated Methods	14/719,190 (05/21/2015)	
Lithium Polymer Secondary Cell		6,670,075 (12/30/2003)

Description	Application Number	Registration Number
Optical Amplifier and Optical Communication System Including the Same		7,079,311 (07/18/2006)
Monitoring and Correction of Geometric Distortion in Projected Displays		7,119,833 (10/10/2006)
Dynamic Shadow Removal from Front Projection Displays		7,133,083 (11/07/2006)
Hybrid System for Multi-Projector Geometry Calibration		8,059,916 (11/15/2011)
Hybrid System for Multi-Projector Geometry Calibration		8,358,873 (01/22/2013)
System and Method for Interactive and Real-Time Visualization of Distributed Media	PCT US2016029079 (04/23/2016)	
System and Method for Interactive and Real-Time Visualization of Distributed Media		14/695,796 (04/24/2015)
Intelligent Shared Display Infrastructure and Associated Methods	PCT US2015032038 (05/21/2015)	

Description	Application Number	Registration Number
System and Method for Display Device Discovery	PCT US2015029716 (05/07/2015)	
System and Method for Multi-User Control and Media Streaming to a Shared Display	PCT US2014018526 (02/26/2014)	
Systems and Methods for Generating Images Using Radiometric Response Characterizations	PCT US2009044355 (05/18/2009)	
Multiple-Display Systems and Methods of Generating Multiple-Display Images	PCT US2009040977 (04/17/2009)	
Virtual Video Driver Bridge System for Multi-Source Collaboration within a Web Conferencing System	PCT US16/44581 (07/28/2016)	

EXHIBIT C

Trademarks

Description	Serial Number	Registration Number
MERSIVE		3,544,046 (12/09/2008)
PIXEL LANDSCAPE		4,268,548 (01/01/2013)
SOL		3,544,045 (12/09/2008)

EXHIBIT D

Mask Works

Description	Application	Registration
None Identified		