OP \$90.00 4751476

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1 ETAS ID: TM403931 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
APG TECHNOLOGIES, LLC		10/31/2016	Limited Liability Company: VIRGINIA

RECEIVING PARTY DATA

Name:	WESTERN ALLIANCE BANK		
Street Address:	55 Almaden Boulevard, Suite 100		
City:	San Jose		
State/Country:	CALIFORNIA		
Postal Code:	95113		
Entity Type:	Corporation: ARIZONA		

PROPERTY NUMBERS Total: 3

Property Type	Number	Word Mark
Registration Number:	4751476	APG TECHNOLOGIES
Registration Number:	4612935	A APG TECHNOLOGIES
Registration Number:	4620133	APG TECHOLOGIES

CORRESPONDENCE DATA

Fax Number: 6506440520

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: (650) 648-3802

Email: patty@pattycheng.com

Correspondent Name: Patty Cheng

Address Line 1: 2625 MIDDLEFIELD ROAD, SUITE 215

Address Line 4: PALO ALTO, CALIFORNIA 94306

NAME OF SUBMITTER:	Patty Cheng
SIGNATURE:	/s/ Patty Cheng
DATE SIGNED:	11/01/2016

Total Attachments: 6

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This INTELLECTUAL PROPERTY SECURITY AGREEMENT, dated as of October 31, 2016 (the "Agreement") between APG TECHNOLOGIES, LLC, a Virginia limited liability company ("Grantor") and WESTERN ALLIANCE BANK, an Arizona corporation ("Lender") is made with reference to the Loan and Security Agreement, dated as of July 2, 2014 (as amended from time to time, the "Loan Agreement"), between Lender, Grantor, Altamira Technologies Corporation, a Delaware corporation, and such other parties named therein. 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, 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: LENDER:			
APG TECHNOLOGIES, LLC	WESTERN ALLIANCE BANK		
By:	By:		
Name: Jereny Loczas	Name:		
Title:	Title:		
Address for Notices:	Address for Notices:		
8201 Greensboro Drive, Suite 800 McLean, VA 22101 Attn: Jeremy Koczan, CFO	55 Almaden Boulevard, Suite 100 San Jose, California 95113 Attn: Note Department Fax:(408) 282-1681		

IN WILINESS WHEREUF, the parties have of	executed this Agreement as of the date first written above.		
GRANTOR: LENDER:			
APG TECHNOLOGIES, LLC	WESTERN ALLIANCE BANK		
By:	Ву:		
Name:	Mome: Isseph Holmes Dague		
Title:	Title: Vice President		
Address for Notices:	Address for Notices:		
8201 Greensboro Drive, Suite 800 McLean, VA 22101 Attn: Jeremy Koczan, CFO	55 Almaden Boulevard, Suite 100 San Jose, California 95113 Attn: Note Department Fax:(408) 282-1681		

EXHIBIT A

COPYRIGHTS

Please Check if No Copyrights Exist $\ lacktriangledown$

Type of Work:	Title:	International Standard Serial Number (ISSN):	Registration Number:	Filing Date:	Pre - registered?

EXHIBIT B

TRADEMARKS

Please Check if No Trademarks Exist \square

Mark / Title:	<u>U.S. Serial</u> <u>Number:</u>	U.S. Registration Number:	Filing/Registration Date:
APG TECHNOLOGIES	86415296	4751476	Inno 0, 2015
APG TECHNOLOGIES	80413290	4/314/6	June 9, 2015
A APG TECHNOLOGIES	86181278	4612935	September 30, 2014
APG TECHNOLOGIES	86180939	4620133	October 14, 2014

EXHIBIT C

PATENTS

Please Check if No Patents Exist ☑

Title:	Patent Number:	Application Serial Number:	Issued or Published?	Issue Date:

RECORDED: 11/01/2016