

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6351404

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ANALYTICAL GRAPHICS, INC.	06/14/2019
RECEIVING PARTY DATA		
Name:	CESIUM GS, INC.	
Street Address:	220 VALLEY CREEK BOULEVARD	
City:	EXTON	
State/Country:	PENNSYLVANIA	
Postal Code:	19341	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Patent Number:	9153063	
Patent Number:	9449424	
CORRESPONDENCE DATA		
Fax Number:	(703)391-2901	
<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>		
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NAME OF SUBMITTER:	WHITNEY MCNEIL	
SIGNATURE:	/Whitney McNeil/	
DATE SIGNED:	10/15/2020	
Total Attachments: 3		
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ASSIGNMENT AND AGREEMENT

WHEREAS, Analytical Graphics, Inc., having its principal place of business at 220 Valley Creek Boulevard, Exton, Pennsylvania 19341 (hereinafter referred to singly and collectively as "ASSIGNOR"), states that it owns the entire right, title and interest in the attached list of U.S. Patents, or U.S. Patent Applications ("Exhibit A").

WHEREAS, Cesium GS, Inc., a Delaware Corporation, having its principal place of business at 220 Valley Creek Boulevard, Exton, PA 19341 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

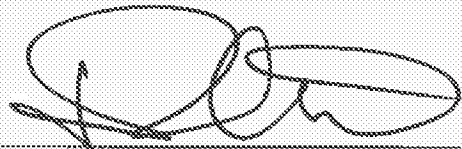
ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **The Marbury Law Group PLLC** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

The undersigned is authorized to act on behalf of the ASSIGNOR (Analytical Graphics, Inc.):

6/14/2019
Date


Signature

Francesco Linsalata
Printed Name

Officer
Title/Capacity

EXHIBIT A
ASSIGNED PROPERTY

- U.S. Patent No. 9,153,063, entitled "System And Method For Data Rendering And Transformation Images In 2- And 3- Dimensional Images" issued October 6, 2015.
- U.S. Patent No. 9,449,424, entitled "Visualization of field of view obstruction by an ellipsoid" issued September 20, 2016.
- U.S. Patent No. 9,865,085, entitled "Systems and Methods for 3D Modeling Using Skipping Heuristics and Fusing" issued January 9, 2018.
- U.S. Patent Application No. 15/829,786, entitled "Systems and Methods for Real-Time Large-Scale Point Cloud Surface Reconstruction" filed on December 1, 2017.
- U.S. Provisional Patent Application No. 62/624,309, entitled "Systems and Methods for Converting Massive Point Cloud Datasets to Hierarchical Storage Format" filed January 31, 2018.
- U.S. Patent Application No. 16/167,422, entitled "Systems and Methods for Converting Massive Point Cloud Datasets to Hierarchical Storage Format" filed October 30, 2018.
- U.S. Provisional Application No. 62/701,099, entitled "System and Methods for Rendering Vector Data on Static and Dynamic Surfaces using Screen Space Decals and a Depth Texture" filed July 20, 2018.
- U.S. Provisional Application No. 62/822,234, entitled "System and Method For Subdividing Large Polygon Mesh Datasets Into Hierarchical Subsets For Level-Of-Detail Use" filed April 2, 2019.
- U.S. Provisional Application No. 62/822,218, entitled "System and Method For Converting Massive, Single-Material Mesh Datasets T Hierarchical Format" filed April 2, 2019.
- U.S. Provisional Application No. 62/837,381, entitled "Systems and Methods For Culling Requests For Hierarchical Level Of Detail Content Over A Communications Network" filed April 23, 2019.
- U.S. Provisional Patent Application no. 62/837,358 entitled " Systems and Methods For Prioritizing Requests For Hierarchical Level Of Detail Content Over A Communications Network ", filed April 23, 2019.