

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4443920

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the DOCUMENT EXECUTION DATES previously recorded on Reel 042515 Frame 0890. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS' INTEREST.
CONVEYING PARTY DATA	
Name	Execution Date
AUSTIN ENG	04/24/2017
SEAN LILLEY	04/24/2017
DANIEL BAGNELL	04/24/2017
PATRICK COZZI	04/24/2017
RECEIVING PARTY DATA	
Name:	ANALYTICAL GRAPHICS, INC.
Street Address:	220 VALLEY CREEK BLVD.
City:	EXTON
State/Country:	PENNSYLVANIA
Postal Code:	19341
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15589846
CORRESPONDENCE DATA	
Fax Number:	(650)812-3444
<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>	
Phone:	650-812-3400
Email:	agraham@carrferrell.com, patdocket@carrferrell.com
Correspondent Name:	MYRNA M. SCHELLING
Address Line 1:	CARR & FERRELL LLP
Address Line 2:	120 CONSTITUTION DRIVE
Address Line 4:	MENLO PARK, CALIFORNIA 94025
ATTORNEY DOCKET NUMBER:	PA7643US
NAME OF SUBMITTER:	MYRNA M. SCHELLING
SIGNATURE:	/Myrna M. Schelling/
DATE SIGNED:	06/05/2017
Total Attachments: 3	

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4432955

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AUSTIN ENG	04/27/2017
SEAN LILLEY	04/27/2017
DANIEL BAGNELL	04/27/2017
PATRICK COZZI	04/27/2017
RECEIVING PARTY DATA	
Name:	ANALYTICAL GRAPHICS, INC.
Street Address:	220 VALLEY CREEK BLVD.
City:	EXTON
State/Country:	PENNSYLVANIA
Postal Code:	19341
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15589846
CORRESPONDENCE DATA	
Fax Number:	(650)812-3444
<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>	
Phone:	650-812-3400
Email:	agraham@carrferrell.com, patdocket@carrferrell.com
Correspondent Name:	MYRNA M. SCHELLING
Address Line 1:	CARR & FERRELL LLP
Address Line 2:	120 CONSTITUTION DRIVE
Address Line 4:	MENLO PARK, CALIFORNIA 94025
ATTORNEY DOCKET NUMBER:	PA7643US
NAME OF SUBMITTER:	MYRNA M. SCHELLING
SIGNATURE:	/Myrna M. Schelling/
DATE SIGNED:	05/26/2017
Total Attachments: 2	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, **Austin Eng, Patrick Cozzi, Daniel Bagnell, and Sean Lilley**, do hereby sell, assign, and transfer to **Analytical Graphics, Inc.**, a corporation with offices at **220 Valley Creek Blvd., Exton, Pennsylvania, 19341, United States** ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in United States patent application number 15/589,846 filed May 8, 2017 and entitled:

"Systems and Methods for 3D Modeling Using Skipping Heuristics and Fusing"

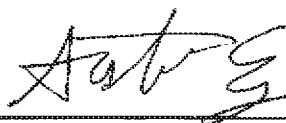
and in and to said application and all utility, divisional, continuing, substitute, renewal, reissue, and all other patent applications which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States patent application; and

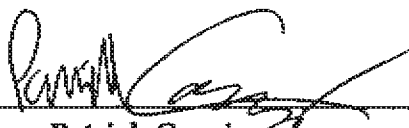
Agree that said Assignee may apply for and receive patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history

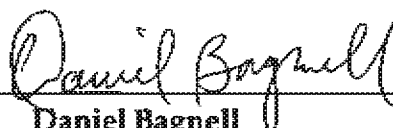
thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

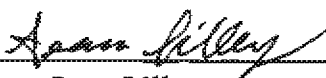
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

We hereby authorize and request Carr & Ferrell LLP, to insert the filing date and application number of this application upon allocation of this information by the United States Patent and Trademark Office.

Date: 9/24/17 Name: 
Austin Eng

Date: 4/24/17 Name: 
Patrick Cozzi

Date: 4/24/17 Name: 
Daniel Bagnell

Date: 4/24/17 Name: 
Sean Lilley