

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5599292

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RICHARD ABRAMSON	05/02/2019
ANDREW JOSEPH ASMAN	05/30/2019
REBECCA BAUCOM	05/08/2019
PATRICK KELLY	05/01/2019
BENNETT LANDMAN	05/01/2019
MAYUR PATEL	05/13/2019
ANDREW PLASSARD	05/30/2019
BENJAMIN POULOSE	06/17/2019
MIYA SMITH	06/27/2019
ZHOUBING XU	05/07/2019
RECEIVING PARTY DATA	
Name:	VANDERBILT UNIVERSITY
Street Address:	305 KIRKLAND HALL
Internal Address:	2201 WEST END AVENUE
City:	NASHVILLE
State/Country:	TENNESSEE
Postal Code:	37240
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15540487
CORRESPONDENCE DATA	
Fax Number:	(216)621-4072
<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:	2166212234
Email:	vmaichl@tarolli.com
Correspondent Name:	RICHARD S. WESORICK
Address Line 1:	1300 EAST NINTH STREET
Address Line 2:	SUITE 1700
Address Line 4:	CLEVELAND, OHIO 44114

PATENT

ATTORNEY DOCKET NUMBER:	VU-024109 US PCT
NAME OF SUBMITTER:	RICHARD S. WESORICK
SIGNATURE:	/Richard S. Wesorick/
DATE SIGNED:	07/01/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10 source=VU-024109-DecAssn-SIGNED#page1.tif source=VU-024109-DecAssn-SIGNED#page2.tif source=VU-024109-DecAssn-SIGNED#page3.tif source=VU-024109-DecAssn-SIGNED#page4.tif source=VU-024109-DecAssn-SIGNED#page5.tif source=VU-024109-DecAssn-SIGNED#page6.tif source=VU-024109-DecAssn-SIGNED#page7.tif source=VU-024109-DecAssn-SIGNED#page8.tif source=VU-024109-DecAssn-SIGNED#page9.tif source=VU-024109-DecAssn-SIGNED#page10.tif	

COMBINATION ASSIGNMENT-STATEMENT

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention: IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - X United States application or PCT international application number 15/540,487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, Vanderbilt University having an office and place of business at 305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;


AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

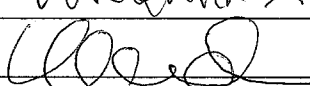
Inventor: Richard ABRAMSON

Date: 5/2/2019

Signature: 

Witness: Vandana Abramson

Date: 5/2/2019

Signature: 

COMBINATION ASSIGNMENT-STATEMENT

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention: IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - ☒ United States application or PCT international application number 15/540,487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, Vanderbilt University having an office and place of business at 305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the INVENTOR, agree to assign and hereby do sell, assign and transfer unto said VANDERBILT UNIVERSITY the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the INVENTION possessed by the INVENTOR, including the right to bring suit for damages due to past infringements; the same for VANDERBILT UNIVERSITY'S legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

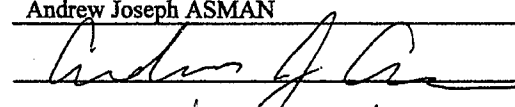
AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid VANDERBILT UNIVERSITY, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

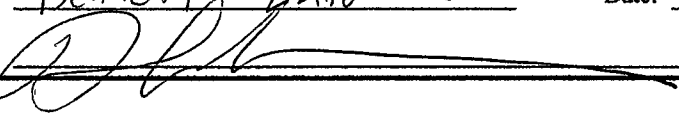
Inventor: Andrew Joseph ASMAN

Date: 05/30/2019

Signature: 

Witness: Bennett Gardner

Date: 5/30/19

Signature: 

COMBINATION ASSIGNMENT-STATEMENT

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention: IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - ☒ United States application or PCT international application number 15/540,487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, Vanderbilt University having an office and place of business at 305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the INVENTOR, agree to assign and hereby do sell, assign and transfer unto said VANDERBILT UNIVERSITY the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the INVENTION possessed by the INVENTOR, including the right to bring suit for damages due to past infringements; the same for VANDERBILT UNIVERSITY'S legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid VANDERBILT UNIVERSITY, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

Inventor: Rebecca BAUCOM

Date: 5/8/19

Signature: [Signature]

Witness: Debbie Miller

Date: 5/8/19

Signature: [Signature]

PATENT

REEL: 049641 FRAME: 0732

COMBINATION ASSIGNMENT-STATEMENT

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention: IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - ☒ United States application or PCT international application number 15/540,487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, Vanderbilt University having an office and place of business at 305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

Inventor: Patrick KELLY

Date: 5/1/2019

Signature: 

Witness: Sally K Winkie

Date: 1 May 2019

Signature: 

COMBINATION ASSIGNMENT-STATEMENT

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention: IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - ☒ United States application or PCT international application number 15/540.487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, Vanderbilt University having an office and place of business at 305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

Inventor: Bennett LANDMAN

Date: 5/11/19

Signature: 

Witness: Camilo Bermudez Noguera

Date: 5/11/19

Signature: 

COMBINATION ASSIGNMENT-STATEMENT

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention: **IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING**

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - ☒ United States application or PCT international application number 15/540,487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, **Vanderbilt University** having an office and place of business at **305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA**, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

Inventor: Mayur PATEL

Date: 05/13/2019

Signature: 

Witness: Anna K. Person

Date: 05/13/2019

Signature: 

COMBINATION ASSIGNMENT-STATEMENT

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention: IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - ☒ United States application or PCT international application number 15/540,487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, Vanderbilt University having an office and place of business at 305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

Inventor: Andrew PLASSARD

Date: 5/30/19

Signature: [Signature]

Witness: Emily K. Lauff

Date: 5/30/19

Signature: Emily K. Lauff

PATENT

REEL: 049641 FRAME: 0736

COMBINATION ASSIGNMENT-STATEMENT

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention: **IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING**

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - ☒ United States application or PCT international application number 15/540,487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, **Vanderbilt University** having an office and place of business at **305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA**, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

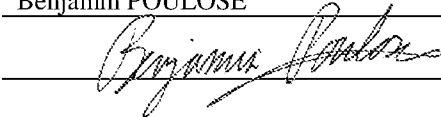
AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

Inventor: Benjamin POULOSE

Date: 6-17-2019

Signature: 

Witness: Tom Trofino

Date: 6/17/19

Signature: 

COMBINATION ASSIGNMENT-STATEMENT

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention: **IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING**

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - ☒ United States application or PCT international application number 15/540,487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, **Vanderbilt University** having an office and place of business at **305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA**, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

Inventor: Miya SMITH

Date: 6/27/2019

Signature: 

Witness: Roderick Smith

Date: 6/27/2019

Signature: Roderick Smith

COMBINATION ASSIGNMENT-STATEMENT

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention: IMAGE SEGMENTATION VIA MULTI-ATLAS FUSION WITH CONTEXT LEARNING

DECLARATION

As a below named inventor I hereby declare that:

- This declaration is directed to:
 - ☐ The attached application, or
 - ☒ United States application or PCT international application number 15/540,487 filed on June 28, 2017.
- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, Vanderbilt University having an office and place of business at 305 Kirkland Hall, 2201 West End Avenue, Nashville, Tennessee, 37240, USA, is desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, as described in the Policy on Technology and Literary and Artistic Works, published in the 1993-1994 Vanderbilt Faculty Manual, as such policy is amended from time to time, the sufficiency and adequacy and receipt of which are hereby acknowledged, I, the **INVENTOR**, agree to assign and hereby do sell, assign and transfer unto said **VANDERBILT UNIVERSITY** the entire right, title and interest in and to said invention and application throughout the world, including, without limitation, any Letters Patent which may issue thereon, and any subsequent application claiming priority to the above-identified application, reissue, reexamination, divisional, continuation-in-part, extension or continuation thereof and all rights of priority under the Paris Convention arising from said application, and all other rights in the **INVENTION** possessed by the **INVENTOR**, including the right to bring suit for damages due to past infringements; the same for **VANDERBILT UNIVERSITY'S** legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment and sale not been made;

AND, I hereby bind myself, my heirs, legal representatives, administrators and assign properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid **VANDERBILT UNIVERSITY**, its legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries throughout the world;

AND, I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

LEGAL NAME OF INVENTOR

Inventor: Zhoubing XU

Date: 5/7/2019

Signature: 

Witness: Ying Wang

Date: 5/7/2019

Signature: 