506708102 06/10/2021

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT6754921 Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID BENJAMIN	11/05/2018
JAMES STODDART	10/26/2018
LORENZO VILLAGGI	10/29/2018
DANIL NAGY	11/05/2018

RECEIVING PARTY DATA

Name:	AUTODESK, INC.
Street Address:	111 MCINNIS PKWY
City:	SAN RAFAEL
State/Country:	CALIFORNIA
Postal Code:	94903

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17342309

CORRESPONDENCE DATA

Fax Number: (408)715-1201

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: 4087151211

Email: sjohnson@artegislaw.com, algdocketing@artegislaw.com

ARTEGIS LAW GROUP LLC **Correspondent Name:**

710 LAKEWAY DRIVE Address Line 1:

Address Line 2: **SUITE 185**

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	AUTO1428USC1
NAME OF SUBMITTER:	JOHN C. CAREY
SIGNATURE:	/John C. Carey/
DATE SIGNED:	06/10/2021

Total Attachments: 8

source=AUTO1428USC1 Assignment#page1.tif source=AUTO1428USC1 Assignment#page2.tif

> **PATENT** REEL: 056498 FRAME: 0026 506708102

source=AUTO1428USC1_Assignment#page3.tif
source=AUTO1428USC1_Assignment#page4.tif
source=AUTO1428USC1_Assignment#page5.tif
source=AUTO1428USC1_Assignment#page6.tif
source=AUTO1428USC1_Assignment#page7.tif
source=AUTO1428USC1_Assignment#page8.tif

PATENT REEL: 056498 FRAME: 0027

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

١	٨	ľ۲	1	F	R	F	Α	S	•

Names and Addresses of Inventors:

1)	David BENJAMIN New York, NY	2)	James STODDART New York, NY
3)	Lorenzo VILLAGGI New York, NY	4)	Danil NAGY New York, NY

(hereinafter referred to as Assignors), have invented a certain invention entitled:

GENERATIVE DESIGN PIPELINE FOR URBAN AND NEIGHBORHOOD PLANNING

enclosed herewith or for which	ch application for Le	tters Patent in the	United States	was filed on
November 5, 2018	under Serial No.	16/181,224	; and	

WHEREAS, **AUTODESK**, **INC.**, a corporation of the State of Delaware, having a place of business at 111 McInnis Pkwy, San Rafael, California 94903 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court

Page 1 of 2

actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary.

 Assignors hereby authorize and request the attorney/agent(s) of Artegis Law Group, LLP, to insert above the filing date and/or Application No. of said application.
 - 6 This declaration is directed to the attached application, or (if following box is checked):

																																								ř	

As a below named inventor, I hereby declare that:

(DATE)

41

The above-identified application was made or authorized to be made by me.

(believe that I am the original inventor or an original joint inventor of a claimed invention in the application, and

Lacknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) <u>11/5/18</u> (DATE	, Taki-
(DATI	David BENJAMIN
	James STODDART
3) (DATI	Lorenzo VILLAGGI

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

WHEREA	S:
--------	----

Names and Addresses of Inventors:

1)	David BENJAMIN New York, NY	2)	James STODDART New York, NY
3)	Lorenzo VILLAGGI New York, NY	4)	Danil NAGY New York, NY

(hereinafter referred to as Assignors), have invented a certain invention entitled:

GENERATIVE DESIGN PIPELINE FOR URBAN AND NEIGHBORHOOD PLANNING

enclosed herewith or for which	ch application for Le	tters Patent in the	United States	was filed on
November 5, 2018	under Serial No.	16/181,224	; and	

WHEREAS, **AUTODESK**, **INC.**, a corporation of the State of Delaware, having a place of business at 111 McInnis Pkwy, San Rafael, California 94903 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court

Page 1 of 2

actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of **Artegis Law Group**, **LLP**, to insert above the filing date and/or Application No. of said application.

	6.	This declaration is dir	rected to the attached application, or (if following box is checked):			
		[] United States	application or PCT international application number			
	As a be	ow named inventor, I	hereby declare that:			
		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 invein the application; and					
	I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.					
said As		ESS WHEREOF, the the thick	e said Assignors have executed and delivered this instrument to below.			
	1)	(D/	ATE) David BENJAMIN			
	2)	10 / 26 / 2018 _{(D/}	ATE) James STODDART			
	3)	(D	ATE)			

Lorenzo VILLAGGI

Danil NAGY

(DATE)

4)

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

١	٨	ľ۲	1	F	R	F	Α	S	•

Names and Addresses of Inventors:

1)	David BENJAMIN New York, NY	2)	James STODDART New York, NY
3)	Lorenzo VILLAGGI New York, NY	4)	Danil NAGY New York, NY

(hereinafter referred to as Assignors), have invented a certain invention entitled:

GENERATIVE DESIGN PIPELINE FOR URBAN AND NEIGHBORHOOD PLANNING

enclosed herewith or for which	ch application for Le	tters Patent in the	United States	was filed on
November 5, 2018	under Serial No.	16/181,224	; and	

WHEREAS, **AUTODESK**, **INC.**, a corporation of the State of Delaware, having a place of business at 111 McInnis Pkwy, San Rafael, California 94903 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court

Page 1 of 2

actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of **Artegis Law Group, LLP**, to insert above the filing date and/or Application No. of said application.

5.	This	declaration is directed to the attached application, or (if following box is checked):
		United States application or PCT international application number
		filed on,

The above-identified application was made or authorized to be made by me;

As a below named inventor, I hereby declare that:

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application; and

I acknowledge that any willful false statement made in this declaration is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	(DATE)	David BENJAMIN
2)	(DATE)	James STODDART
3)	(DATE)	Lorenzo VILLAGGI/
4)	(DATE)	Danil NAGY

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

WHEREAS	•
---------	---

Names and Addresses of Inventors:

1)	David BENJAMIN New York, NY	2)	James STODDART New York, NY
3)	Lorenzo VILLAGGI New York, NY	4)	Danil NAGY New York, NY

(hereinafter referred to as Assignors), have invented a certain invention entitled:

GENERATIVE DESIGN PIPELINE FOR URBAN AND NEIGHBORHOOD PLANNING

enclosed herewith or for which	ch application for Le	tters Patent in the	United State	es was filed on
November 5, 2018	under Serial No.	16/181.224	; and	

WHEREAS, **AUTODESK**, **INC.**, a corporation of the State of Delaware, having a place of business at 111 McInnis Pkwy, San Rafael, California 94903 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court

Page 1 of 2

PATENT REEL: 056498 FRAME: 0034

actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
- 5. In the event that the filing date and/or Application No. of said Invention are not entered above at the time Assignors execute this document, and if such information is deemed necessary, Assignors hereby authorize and request the attorney/agent(s) of **Artegis Law Group**, **LLP**, to insert above the filing date and/or Application No. of said application.

			т				
1	6.	This d	eclaration is	directed to the	e attached application, or (if following box is checked):		
		[]	United State	es application	or PCT international application number _filed on		
	As a be	low na	med invento	r, I hereby ded	clare that:		
		The at	oove-identifi	ed 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 invent in the application; and						
	under s				lse statement made in this declaration is punishable mprisonment of not more than 5 years, or both.		
			WHEREOF, lates indicate		gnors have executed and delivered this instrument to		
	1)			(DATE)	David BENJAMIN		
;	2)			(DATE)	James STODDART		
:	3)			(DATE)	Lorenzo VII LAGGI		

Page 2 of 2

4)

11/5/18

(DATE)