504914735 05/15/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4961479 Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID BENJAMIN	05/07/2018
DANIL NAGY	05/07/2018
LORENZO VILLAGGI	05/15/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15979432	

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.

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 408-715-1211

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

Correspondent Name: ARTEGIS LAW GROUP, LLP/AUTODESK

Address Line 1: 710 LAKEWAY DRIVE

Address Line 2: SUITE 185

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	AUTO1412US
NAME OF SUBMITTER:	JOHN C. CAREY
SIGNATURE:	/John C. Carey/
DATE SIGNED:	05/15/2018

Total Attachments: 6

source=AUTO1412US_Assignment#page1.tif source=AUTO1412US_Assignment#page2.tif source=AUTO1412US_Assignment#page3.tif

PATENT 504914735 REEL: 045805 FRAME: 0982

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> PATENT REEL: 045805 FRAME: 0983

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

7 . :	WHEREAS:		
Names a	and Addresses of Inventors:		
1)	David BENJAMIN New York, NY	2)	Danil NAGY New York, NY
3)	Lorenzo VILLAGGI New York, NY		·
	(hereinafter referred to as Assignors), have in	nvented	a certain invention entitled:
ANAL	YZING A DESIGN SPACE TO EFFECT MO	RE EF	FICIENT DESIGN SPACE EXPLORATION
enclose	ed herewith or for which application for Letter under Serial No.	s Pater	nt in the United States was filed on ; and
business desirous Applicati embodin to any ar	WHEREAS, AUTODESK, INC., a corporation at 111 McInnis Pkwy, San Rafael, California of acquiring the entire right, title and interest on), and the invention disclosed therein (hen nents of the invention, heretofore conceived, and all patents, inventor's certificates and other thereon granted in any and all countries and	a 94903 t in and einafter made er forms	I (hereinafter referred to as Assignee), is to said application (hereinafter referred to as referred to as Invention), and in and to all or discovered by said Assignors, and in and of protection (hereinafter referred to as
	NOW, THEREFORE, in consideration of goors to have been received in full from said Ass		valuable consideration acknowledged by said
apply for the Prote all Pater every Ap division,	patents on said Invention in any and all cou ection of Industrial Property or otherwise; (c)	olication ntries p in and ountries anted o	n and said Invention; (b) in and to all rights to ursuant to the International Convention for to any and all Applications filed and any and and groups of countries, including each and n any application which is a conventional,

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 Petents; (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.

above the fill	ng date i	and/or Application No. of	said application.
6.	This	declaration is directed to	the attached application, or (if following box is checked):
		United States applicati	on or PCT international application number
As a	below n	amed inventor, I hereby	declare that:
	The	above-identified applicati	on was made or authorized to be made by me;
in the		eve that I am the original tion; and	I inventor or an original joint inventor of a claimed invention
unde			false statement made in this declaration is punishable or imprisonment of not more than 5 years, or both.
the comment of the co	the state of the s	WHEREOF, the said As dates indicated below.	signors have executed and delivered this instrument to
1)	May	/ 7, 2018 _(DATE)	David BENJAMIN
2)	. S ec. 11 11 11 11 11 1	(DATE)	Danil NAGY

Lorenzo VILLAGGI

(DATE)

3)

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

	V	WHEREAS:				
Na	ımes a	nd Addresses of Inventors:				
	1)	David BENJAMIN New York, NY	2)	Danil NAGY New York, NY		
	3)	Lorenzo VILLAGGI New York, NY				
	(hereinafter referred to as Assignors), have invented a certain invention entitled:					
	ANAL'	YZING A DESIGN SPACE TO EFFECT MO	RE EF	FICIENT DESIGN SPACE EXPLORATION		
е —	nclose	d herewith or for which application for Letters under Serial No.				
	siness	WHEREAS, AUTODESK, INC. , a corporation at 111 McInnis Pkwy, San Rafael, California of acquiring the entire right, title and interest	94903	3 (hereinafter referred to as Assignee), is		

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

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.

- 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.

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6.	This declar	ation is directed to	the attached application, or (if following box is checked):			
	[] Unite	ed States applicati	on or PCT international application number filed on			
Asal	below named	inventor, I hereby	declare that:			
	The above-	identified applicati	on 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; and						
under	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.					
		REOF, the said As indicated below.	ssignors have executed and delivered this instrument to			
1)		(DATE)	David BENJAMIN			
2)	5/7/201	(DATE)	Banii NAGY			

Lorenzo VILLAGGI

(DATE)

3)

ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

WHEREAS:

Na	ames a	nd Addresses of Inventors:		
1) David BENJAMIN New York, NY			2)	Danil NAGY New York, NY
3) Lorenzo VILLAGGI New York, NY				
	(hereinafter referred to as Assignors), have in	vented	a certain invention entitled:
	ANAL	ZING A DESIGN SPACE TO EFFECT MO	RE EFI	FICIENT DESIGN SPACE EXPLORATION
е —	nclose	d herewith or for which application for Letters under Serial No		nt in the United States was filed on ; and
de Ap en to	siness sirous oplication obodim any an	VHEREAS, AUTODESK , INC. , a corporation at 111 McInnis Pkwy, San Rafael, California of acquiring the entire right, title and interest on), and the invention disclosed therein (here ents of the Invention, heretofore conceived, d all patents, inventor's certificates and othe thereon granted in any and all countries and	94903 in and inafter made or r forms	to said application (hereinafter referred to as referred to as Invention), and in and to all or discovered by said Assignors, and in and of protection (hereinafter referred to as
As		NOW, THEREFORE, in consideration of goods to have been received in full from said Assi		aluable consideration acknowledged by said
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	is 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)	5/7/2018	_ (DATE)	
•			Banii NAGY
3)	05/15/2018	_ (DATE)	Chilling.
•	-		Lorenzo VILLAGGI

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