## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4991993

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NIGEL MORRIS	06/01/2018
ADRIAN BUTSCHER	06/01/2018
FRANCESCO IORIO	05/31/2018

#### **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:	15996405

#### 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: 408-715-1211

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

ARTEGIS LAW GROUP, LLP/AUTODESK **Correspondent Name:** 

Address Line 1: 710 LAKEWAY DRIVE

Address Line 2: **SUITE 185** 

Address Line 4: SUNNYVALE, CALIFORNIA 94085

ATTORNEY DOCKET NUMBER:	AUTO1414US1
NAME OF SUBMITTER:	JOHN C. CAREY
SIGNATURE:	/John C. Carey/
DATE SIGNED:	06/05/2018

#### **Total Attachments: 4**

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> **PATENT** REEL: 045991 FRAME: 0322 504945246

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PATENT REEL: 045991 FRAME: 0323

# ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

	1	WHEREAS:		
Nar	nes a	nd Addresses of Inventors;		
	1)	Nigel MORRIS Toronto, CANADA	2)	Adrian BUTSCHER Toronto, CANADA
	3)	Francesco IORIO Toronto, CANADA		
•	-(	hereinafter referred to as Assignors), have i	- nvente	d a certain invention entitled:
		OLOGY OPTIMIZATION FOR SUBTRA		
-en		d herewith or for which application for Letter under Serial No.	s Pate	int in the United States was filed on
des App emt to a	iness irous licatio odim ny an	on), and the invention disclosed therein (her	a 9490 t in and einafte made er form	3 (hereinafter referred to as Assignee), is d to said application (hereinafter referred to as r referred to as Invention), and in and to all or discovered by said Assignors, and in and s of protection (hereinafter referred to as
Ass		IOW, THEREFORE, in consideration of goo s to have been received in full from said Ass		valuable consideration acknowledged by said
app the all F ever divis	ly for Prote Pateni ry Ap sion, s	patents on said Invention in any and all cou ction of Industrial Property or otherwise; (c)	olication ntries   in and ountrie anted (	in and said invention; (b) in and to all rights to oursuant to the International Convention for to any and all Applications filed and any and s and groups of countries, including each and on any application which is a conventional,
any proc spec desi (b) f	and a fuction difical rable or pro	gnee to enjoy to the fullest extent the right, t all countries and groups of countries. Such in of pertinent facts and documents, giving to tions, declarations or other papers, and othe	itle an cooper estimo r assis ssigna ng and	stance all to the extent deemed necessary or se the right, title and interest herein conveyed prosecuting substitute, conventional,

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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

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 directed to the attached application, or (if following box is check
s -a.	The season was a season of the
1.1	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).	Jan 1, 2018 (DATE)	VAULO Tura
	· · · · · · · · · · · · · · · · · · ·	Nigel MORRIS
2)	June 1, LOTY (DATE)	Adrian BUTSCHER
3)	(DATE)	Francisco IORIO

## ASSIGNMENT FOR APPLICATION FOR PATENT WITH DECLARATION STATEMENT

MULDEVO:

	v	WILKEAG.		
Na	ames a	nd Addresses of Inventors:		
	1)	Nigel MORRIS Toronto, CANADA	2)	Adrian BUTSCHER Toronto, CANADA
	3)	Francesco IORIO Toronto, CANADA		
	(	hereinafter referred to as Assignors), have in	ventec	l a certain invention entitled:
	TOP	POLOGY OPTIMIZATION FOR SUBTRA	CTIV	E MANUFACTURING TECHNIQUES
_e	nclose	d herewith or for which application for Letters under Serial No.		
de Ap en to	siness sirous oplication nbodim any an	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 (here ents of the Invention, heretofore conceived, and all patents, inventor's certificates and othe thereon granted in any and all countries and	94903 in and inafter made or r forms	B (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 sof protection (hereinafter referred to as
As		NOW, THEREFORE, in consideration of goods to have been received in full from said Assi		valuable consideration acknowledged by said
ap the all ev div	ply for e Prote Paten ery Ap rision,	e right, title and interest (a) in and to said App patents on said Invention in any and all cour action of Industrial Property or otherwise; (c) i	olication ntries p n and fountries untries	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 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.
  - This declaration is directed to the attached application, or (if following box is checked):

																																								×	

As a below 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 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 imprisorment 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)	Nigel MORRIS
2)	(DATE)	Adrian BUTSCHER
3)	3 <u>1/49/2648</u> (DATE)	<u> </u>

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