## 502573359 11/18/2013

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

502573359

EPAS ID: PAT2619254

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	/ DATA				
		N	ame	Execution Date	
YAN FU			08/27/2013		
RECEIVING PARTY	DATA				
Name:	AUTODESK, INC.				
Street Address:	111 MCINNIS PARKWAY				
City:	SAN RAFAEL				
State/Country:	CALIFORNIA				
Postal Code: 94903					
			Numb	per	
Property Type  Application Number: 140			Num	per	
Application Number	:	14012		oer	
Application Number		14012		Der	
	E DATA	14012	02	Der	
CORRESPONDENC	E DATA (310		98	Der	
CORRESPONDENC Fax Number: Phone: Email:	E DATA (310 (310 kyaz	))641-8 )) 641-8 zgulian(	98 797 Ogates-cooper.COM		
CORRESPONDENC Fax Number: Phone: Email: Correspondence will	E DATA (310 (310 kyaz be sent via US	0)641-8 0) 641-8 2gulian(	98 797 Qgates-cooper.COM en the email attempt is unsucce	essful.	
CORRESPONDENC  Fax Number: Phone: Email: Correspondence will Correspondent Name	E DATA (310 (310 kyaz be sent via US e: JAS	0)641-8 0) 641-8 zgulian( 1 <i>Mail wi</i>	98 797 Ogates-cooper.COM en the email attempt is unsucce ELDMAR - GATES & COOPER	essful.	
CORRESPONDENC  Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1:	E DATA (310 (310 kyaz be sent via US e: JAS	0)641-8 0) 641-8 2gulian 6 <i>Mail w</i> 6ON S. I	98 797 gates-cooper.COM en the email attempt is unsucce ELDMAR - GATES & COOPER	essful.	
CORRESPONDENC  Fax Number: Phone: Email: Correspondence will Correspondent Name	E DATA (310 (310 kyaz be sent via US E: JAS 670	0)641-8 0) 641-8 zgulian( 2 <i>Mail wi</i> 50N S. I 1 CENT	98 797 gates-cooper.COM en the email attempt is unsucce ELDMAR - GATES & COOPER	essful.	
CORRESPONDENC  Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1: Address Line 2:	E DATA  (310 (310 kyaz be sent via US e: JAS 670 SUI	0)641-8 0) 641-8 zgulian( 2 <i>Mail wi</i> 50N S. I 1 CENT	98 797 Dgates-cooper.COM en the email attempt is unsucce ELDMAR - GATES & COOPER ER DRIVE WEST	essful.	
CORRESPONDENC  Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1: Address Line 2: Address Line 4:	E DATA  (310) (310	0)641-8 0) 641-8 zgulian( 2 <i>Mail wi</i> 50N S. I 1 CENT	98 797 2gates-cooper.COM en the email attempt is unsucce ELDMAR - GATES & COOPER ER DRIVE WEST LES, CALIFORNIA 90045	essful.	
CORRESPONDENC  Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1: Address Line 2: Address Line 4:	E DATA  (310) (310	0)641-8 0) 641-8 zgulian( 2 <i>Mail wi</i> 50N S. I 1 CENT	98 797 Digates-cooper.COM en the email attempt is unsucce ELDMAR - GATES & COOPER ER DRIVE WEST LES, CALIFORNIA 90045 30566.494-US-01	essful.	

PATENT REEL: 031624 FRAME: 0149 This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

source=Assignment\_Declaration#page1.tif source=Assignment\_Declaration#page2.tif

PATENT REEL: 031624 FRAME: 0150

## ASSIGNMENT/DECLARATION

WHEREAS, <u>Yan Fu</u> (hereinafter "Assignor(s)"), made certain new and useful inventions and improvements which are entitled <u>OUTLINE APPROXIMATION FOR POINT CLOUD OF</u>
<u>BUILDING</u> and which are disclosed in the following application(s):

U.S. Application No. 14/012,702, filed on August 28, 2013, and listing the above named person(s) as inventor(s) AND WHEREAS, Autodesk, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 111 McInnis Parkway, San Rafael, CA 94903 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application(s) and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, Assignor(s) have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application(s), and in and to the application(s), all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all application(s) which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and do hereby authorize and request the Commissioner for Patents to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns;

AND, for the consideration aforesaid, Assignor(s) do hereby agree that they and their executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to Assignor(s) relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to

(G&C 30566.494-US-01)

secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, application(s), Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

AND, an attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application(s) when officially known;

AND, furthermore Assignor(s) covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor(s) and that full right to convey the same as herein expressed is possessed by Assignor(s).

The above-identified application(s) was/were 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(s).

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date: 08/27 /2v 13 Signature: Name: Yan Fu

(G&C 30566.494-US-01)

**RECORDED: 11/18/2013**