FORM PTO-1595

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©2005 Staas & Halsey LLP To the Director of the U.S. Patent and Trademark Office:

`1.	Name of conveying parties:				
ALLEGATION OF THE PARTY OF THE	1) George Fitzmaurice 2) Justin Matejka 3) Igor Mordatch 4) Gord Kurtenbach 5) Thomas White 6) Azam Khan				
2.	Name and Address of receiving party(ies):				
	AUTODESK, INC. 111 McInnis Parkway San Rafael, CA 94903				
3.	Nature of conveyance: X				
4. OR	Application number(s) or patent number(s): This document is being filed together with a new application.				
OK	This document is being filed after filing of the application: (a) Patent Application No(s). 12/200,309, filed August 28, 2008; or (b) Patent No(s)., issued.				
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1500.1124 Attention: J. Randall Beckers 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005				
6.	Total number of applications and patents involved:1				
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment) ☐ Enclosed ☐ Authorized to be charged to deposit account.				
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)				
J. Randall Beckers, Reg. No. 30,358 Name of Person Signing Total number of pages including cover sheet: 3					

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Revised January, 2005

PATENT

REEL: 023048 FRAME: 0020

ASSIGNMENT

S&H 02401

WHEREAS:

George Fitzmaurice Justin Matejka Igor Mordatch Gord Kurtenbach Thomas White Azam Khan

(COMPLETE EITHER

(hereinafter, referred to as ASSIGNORS), has/have invented certain new and useful improvements in an invention entitled

A NAVIGATION SYSTEM FOR A 3D VIRTUAL SCENE

(a).(b).(c) or (d))				
(a) for which an application for United States Letters Patent is being executed and filed concu herewith;				
	(b) for which an application for United States Letters Patent was executed on (c) for which an application for United States Letters Patent was filed on August 28, 2008, Serial No. 12/200,309;			
	(d) for which United States Letters Pater on			
	WHEREAS:	Any registered attorney of STAAS & HALSEY ILP, 1201 New York Avenue, N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b)-(d) the specified data, when known.		

AUTODESK, INC. 111 McInnis Parkway San Rafael, CA 94903

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for valuable consideration furnished by ASSIGNEE to ASSIGNOR, sufficiency and receipt of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents and Trademark of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

PATENT REEL: 023048 FRAME: 0021 ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS THEREOF, I/We have hereunto set hand and signed on the date indicated below;

SIGNATURE(S)

The signature(s) must correspond with the name(s) of the inventor(s) above.

	(Typed Name & Signature of Inventor(s))	(Date)	(Typed Name & Signature of Witness(es))
l)_	Story Imamo	5/15/09	Jul Mall
	George Fitzmannice	-1	
2)_	for Mal 1	5/15/09	Morgi //main
	Justin Matejka		h / ht
3) .		5/21/03	/ Slorge / Smarries
١) <u>.</u>	June / Cutch	5/15/09_	Deorge Tunnavan
5) _	Gard Kurtenbach	5/15/09	Glory Tomarin
s) _	Thomas White	5/15/09	Dow Thurw
	<i>A</i> ∉am Khan		
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PATENT REEL: 023048 FRAME: 0022

RECORDED: 07/30/2009