502789462 04/30/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUANYUAN DING	04/18/2014
JING XIAO	04/23/2014

RECEIVING PARTY DATA

Name:	Epson Research and Development, Inc.	
Street Address:	214 Devcon Drive	
City:	San Jose	
State/Country:	CALIFORNIA	
Postal Code:	95112	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14265800

CORRESPONDENCE DATA

Fax Number: (408)451-9458

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 408-952-6131

Email: vsilva@erd.epson.com

Correspondent Name: ROSALIO HARO

Address Line 1: EPSON RESEARCH AND DEVELOPMENT, INC.

Address Line 2: 214 DEVCON DRIVE

Address Line 4: SAN JOSE, CALIFORNIA 95112

ATTORNEY DOCKET NUMBER:	AP535HO	
NAME OF SUBMITTER:	ROSALIO HARO, REG. NO. 42633	
SIGNATURE:	/Rosalio Haro/	
DATE SIGNED:	04/30/2014	

Total Attachments: 2

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PATENT 502789462 REEL: 032789 FRAME: 0597

AP535HO PATENT

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned.

Yuanyuan Ding, and Jing Xiao,

who have created a certain invention for which an application for United States Letters Patent has been executed by us concurrently herewith and entitled:

GEODESIC DISTANCE BASED PRIMITIVE SEGMENTATION AND FITTING FOR 3D MODELING OF NON-RIGID OBJECTS FROM 2D IMAGES

Do hereby sell, assign and transfer to EPSON RESEARCH AND DEVELOPMENT, INC., a corporation of California, having a place of business at 214 Devcon Drive, San Jose, California 95112, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions, agreements, acts, and

Agree that EPSON RESEARCH AND DEVELOPMENT, INC., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF we have hereunto set our signature on the date indicated below.

Date:	4/18/2014	Jugar IX	
	Month/Day/Year	Yuanyuan Ding	
Date:			
	Month/Day/Year	Jing Xiao	

A3 Assignment filed with Appl Customer No. 20178

> **PATENT REEL: 032789 FRAME: 0598**

AP535HO PATENT

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned,

Yuanyuan Ding, and Jing Xiao,

who have created a certain invention for which an application for United States Letters Patent has been executed by us concurrently herewith and entitled:

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Agree that EPSON RESEARCH AND DEVELOPMENT, INC., hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF we have hereunto set our signature on the date indicated below.

Date:

Month/Day/Year

Data

4/23/2014 Month/Day/Year Yuanyuan Ding

Jing Xiac

A3 Assignment filed with Appl Customer No. 20178

RECORDED: 04/30/2014

PATENT REEL: 032789 FRAME: 0599