504217038 02/07/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4263715

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMIR ANVAR	04/08/2015
MICHAEL BRANDON CASEY	04/09/2015
CHRISTOPHER LEE FISHER	04/08/2015

RECEIVING PARTY DATA

Name:	CHEVRON U.S.A. INC.
Street Address:	6001 BOLLINGER CANYON ROAD
City:	SAN RAMON
State/Country:	CALIFORNIA
Postal Code:	94583

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14641171

CORRESPONDENCE DATA

Fax Number: (703)684-2501

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: 612 332 5300

Email: Ikenney@merchantgould.com

MERCHANT & GOULD Correspondent Name:

Address Line 1: PO BOX 2903

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	70205.0560USU1
NAME OF SUBMITTER:	MELISSA M. HAYWORTH
SIGNATURE:	/Melissa M. Hayworth/
DATE SIGNED:	02/07/2017

Total Attachments: 4

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PATENT REEL: 041196 FRAME: 0054 504217038

Attorney Docket No.: (T-9786) / 70205.0560USU1

ASSIGNMENT

WHEREAS, I / We.

Amir Anvar of Houston, TX

Michael Brandon Casey of Houston, TX

Christopher Lee Fisher of Houston, TX

have invented new and useful improvements in

"MULTI-VIEW 3D OBJECT RECOGNITION FROM A POINT CLOUD AND CHANGE DETECTION"

set forth in an application for Letters Patent of the United States bearing Serial No. <u>14/641,171</u> filed on <u>March 6, 2015</u>, (the hereinafter named assignee being authorized to insert said Serial Number and filing date when ascertained); which claims the benefit and priority to Provisional Application No. 61/949,469, filed on March 7, 2014; and

WHEREAS, CHEVRON U.S.A. INC., a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and having a regular and established place of business at San Ramon, State of California, is desirous of acquiring the entire right, title and interest in and to said invention, said application, and in and to the Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued thereof in the United States of America and in any and all countries foreign thereto:

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, I / We, hereby sell, assign, transfer and set over unto said CHEVRON U.S.A. INC., its successors and assigns, the entire right, title and interest in and to said invention, said application, including all priority rights associated with said application under provisions of international conventions, treaties, or otherwise, and all divisions, continuations, reexaminations, and reissues thereof, and in and to all Letters Patent, Utility Models, and Inventors' Certificates to be granted and issued therefore and all reexamination certificates, reissues and extensions thereof, not only for, to and in the United States of America, but for, to and in all other countries. The aforesaid assignment includes the right in and to all income, royalties, damages and payments now or hereafter due or payable with respect to any Letters Patent, Utility Models, and Inventors' Certificates which may be granted in the United States of America and in any and all countries foreign thereto, and in and to all causes of action (either in law or in equity), and the right to sue, counterclaim, and recover for past, present and future infringement of the rights assigned or to be assigned under this Assignment, as fully and entirely as the same would have been held and enjoyed by Assignors if this sale and assignment had not been made;

and I / We hereby authorize and request the Commissioner for Patents to issue said Letters Patent in accordance with this Assignment;

and I / We hereby covenant that we have full right to convey the entire interest herein assigned, and I / We have not executed, and will not execute, any agreement in conflict herewith and that the rights assigned herein are not otherwise encumbered by any grant, license or right;

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PATENT REEL: 041196 FRAME: 0055

Title of the Invention:	MULTI-VIEW 3D OBJECT RECOGNITION FROM A POINT CLOUD AND
	CHANGE DETECTION

Attorney Docket No.: (T-9786) / 70205.0560USU1

Revised 12-07-2011

and I / We hereby further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said inventions and discoveries; and furthermore, upon request, without additional compensation but at no expense to me / us, testify in any interference or legal proceedings involving said inventions, and sign any applications for reissue, division, continuation, continuation-in-part, renewal, substitute or extension thereof.

n witness whereof, I / We have signed my / our name(s) on the date set forth below.			
nventor Signature		Date:	8/15
nventor Name:	Amir Anvar		
Witness Signature:	F = = =	Date: 4/8	115
Witness Name:	BRIAN THIGHEN		
Inventor Signature: Inventor Name:	Michael Brandon Casey	Date:	MANAGEMENT OF THE PROPERTY OF
mitel Hor Harries	,		
Witness Signature:		Date:	
Witness Name:			
Inventor Signature:		Date:	
Inventor Name:		***************************************	
Witness Signature:		Date:	
Witness Name:			

Page 2 of 2

Title of the Invention: MULTI-VIEW 3D OBJECT RECOGNITION FROM A POINT CLOUD AND

CHANGE DETECTION

Attorney Docket No.: (T-9786) / 70205.0560USU1

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In witness whereof, I / We have signed my / our name(s) on the date set forth below.

Inventor Signature:		Date:	
Inventor Name:	Amir Anvar	-	***************************************
Witness Signature:		Date:	
Witness Name:			
Inventor Signature: Inventor Name:	Michael Brandon Casey	Date:	19/2015
Witness Signature:		Date: 4	19/245
Witness Name:	Nobor Royan Jr.	-	1
Inventor Signature: Inventor Name:	Christopher Lee Fisher	Date:	
Witness Signature:		Date:	······
Witness Name:			

Revised 12-07-2011

Title of the Invention: MULTI-VIEW 3D OBJECT RECOGNITION FROM A POINT CLOUD AND

CHANGE DETECTION

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In witness whereof, I / We have signed my / our name(s) on the date set forth below.

Inventor Signature:		Date:	
Inventor Name:			
Witness Signature:		Dale:	
Witness Name:			
Inventor Signature: Inventor Name:	Michael Brandon Casey	Date:	
Witness Signature:		Date:	
Witness Name:			
Inventor Signature:	Mushy Jee Fix Christopher Lee Fisher	Date:	4/08/2015
		Ŏ.	4/00/17016
Witness Signature:	The Micha	Date:	4/08/2015
Witness Name:	Craig England	•	-

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RECORDED: 02/07/2017