

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7392957

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PHUONG HOANG	02/01/2021
KHALID A. SOOFI	02/02/2021
BENJAMIN LASCAUD	02/01/2021
PATRICK R. BOYLE	02/01/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CONOCOPHILLIPS COMPANY
<b>Street Address:</b>	925 N. ELDRIDGE PARKWAY
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77079
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17834562
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(816)753-1536
<i>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.</i>	
<b>Phone:</b>	3035838243
<b>Email:</b>	aelkins@polsinelli.com
<b>Correspondent Name:</b>	POLSINELLI PC
<b>Address Line 1:</b>	P.O. BOX 140310
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<b>ATTORNEY DOCKET NUMBER:</b>	42553US03 072427-707509
<b>NAME OF SUBMITTER:</b>	ANN ELKINS
<b>SIGNATURE:</b>	/Ann Elkins/
<b>DATE SIGNED:</b>	06/21/2022
<b>Total Attachments: 7</b>	
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**PATENT**

**REEL: 060262 FRAME: 0868**

**Assignment of Rights, Title and Interest in Invention  
and Declaration of Invention**

**Docket No.: 42553**

As the below named inventor(s), I/we declare that this document is an Assignment of the rights, title and interest and a Declaration of Invention directed to:

- |                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <i>Rights, title and interest in the invention including United States applications and patents</i>         |
| <input checked="" type="checkbox"/> | <i>United States Provisional Patent Application Serial No. <u>62/876,727</u> filed <u>07/21/2019</u></i>    |
| <input checked="" type="checkbox"/> | <i>United States Utility Patent Application Serial No. <u>16/935,009</u> filed <u>07/21/2020</u></i>        |
| <input type="checkbox"/>            | <i>United States Patent No(s). _____</i>  |
| <input checked="" type="checkbox"/> | <i>Foreign rights, title and interest in the invention including international applications and patents</i> |
| <input checked="" type="checkbox"/> | <i>International (PCT) Patent Application Serial No <u>PCT/US2020/042918</u> filed <u>07/21/2020</u></i>    |
| <input type="checkbox"/>            | <i>Other (specify) _____</i>  |
| <input checked="" type="checkbox"/> | <i>This declaration is directed to the international application of which it forms a part</i>               |
| <input checked="" type="checkbox"/> | <i>This declaration is directed to the United States Application submitted herewith</i>                     |

*Direct all correspondence to the address associated with Customer No.: 27148*

**Title of the Invention**

**OBSTACLE DETECTION SYSTEMS AND METHODS**

Whereas, I/we, the below-identified Inventor(s), have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention").

The above-identified application was made or authorized to be made by me.

I/we believe that I/we are the original inventor(s) of the claimed invention in the application.

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application date and any subsequent application.

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims of said application and if applicable any amendment specifically referred to above.

I have reviewed any claim to priority, and I have identified above any prior application number with day, month and year of filing, including any international applications.

If applicable, I have identified in the request of any international application, in compliance with PCT Rule 4.10, any claim to foreign priority,

I/we desire to assign my/our above-identified rights, title and interest in the Invention to the Assignee;

<b>Assignment of Rights, Title and Interest in Invention and Declaration of Invention</b>	<b>Docket No.: 42553</b>
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Therefore, for valuable consideration, the receipt of which is acknowledged, I/we hereby assign, sell and transfer my/our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and any and all reissues and reexaminations thereof, and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right title and interest thereto;

I/we agree to sign and execute all necessary and lawful documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Further, this assignment and declaration is intended to be utilized as the required oath of declaration under Rule Paragraph 1.63.

I/we 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.

Assignment of Rights, Title and Interest in Invention  
and Declaration of Invention

Docket No.: 42553

Assignors

First Inventor: Phuong Hoang

Address: 925 N. Eldridge Parkway, Houston, TX 77079

Signature: [Signature]

Citizenship: U.S. Date: 02/01/2021

Notarization

Executed this 1<sup>st</sup> day of February in the year 2021.

At Houston (city) Texas (State)

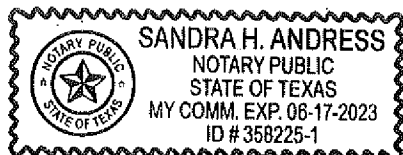
State of Texas

County of Harris

Before me personally appeared Phuong Hoang who acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute the same this 1<sup>st</sup> day of February in the year 2021.

[Signature]  
(Notary Public)

[SEAL]



My Commission Expires:

June 17, 2023

Assignment of Rights, Title and Interest in Invention  
and Declaration of Invention

Docket No.: 42553

Second Inventor: Khalid A. Soofi

Address: \_\_\_\_\_

Signature: [Signature]

Citizenship: US Date: Feb 2<sup>nd</sup>, 2021

Notarization

Executed this 2<sup>nd</sup> day of February in the year 2021.

At Houston (city) Texas (State)

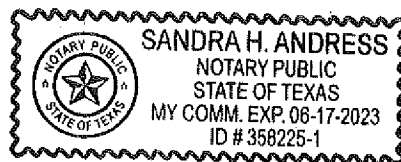
State of Texas

County of Harris

Before me personally appeared Khalid A. Soofi who acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute the same this 2<sup>nd</sup> day of February in the year 2021.

[Signature]  
(Notary Public)

[SEAL]



My Commission Expires:

June 17, 2023

Assignment of Rights, Title and Interest in Invention  
and Declaration of Invention

Docket No.: 42553

Third Inventor: Benjamin Lascaud

Signature: \_\_\_\_\_

Address: 925 N ELDRIDGE PKWY HOUSTON  
TX 77078

Citizenship: FRENCH Date: 02/01/2021

Notarization

Executed this 18 day of February in the year 2021.

At Houston (city) Texas (State)

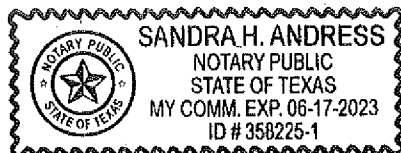
State of Texas

County of Harris

Before me personally appeared Benjamin Lascaud who acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute the same this 18 day of February in the year 2021.

Sandra H. Address  
(Notary Public)

[SEAL]



My Commission Expires:

June 17, 2023

Assignment of Rights, Title and Interest in Invention  
and Declaration of Invention

Docket No.: 42553

Fourth Inventor: Patrick R. Boyle

Address: 7006 Apollo Dr Anchorage AK

Signature: Patrick R. Boyle

Citizenship: US Date: 2/1/2021

Notarization

Executed this 1 day of February in the year 2021.

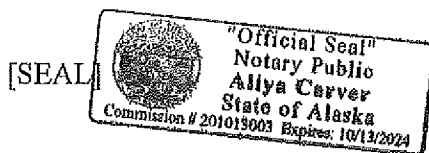
At Anchorage (city Alaska (State)

State of Alaska

County of Anchorage

Before me personally appeared Patrick R. Boyle who acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute the same this 1 day of February in the year 2021

Aliya Carver  
(Notary Public)



My Commission Expires:

10-13-2024



Assignment of Rights, Title and Interest in Invention  
and Declaration of Invention

Docket No.: 42553

Assignee

ConocoPhillips Company hereby accepts assignment of the above referenced patent application.

Name: **CONOCOPHILLIPS COMPANY**

Mailing Address:

By: Michael D. Berger

925 N. Eldridge Parkway

Title:

Houston, Texas

Attorney-in-Fact ConocoPhillips Company

P. O. Box 4783

Houston, TX 77210

United States of America

Notarization

Executed this 1<sup>st</sup> day of February in the year 2021.

At Houston (city Texas) (State)

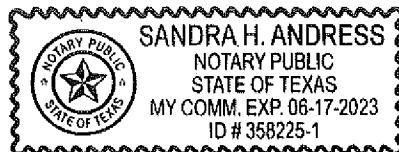
State of Texas

County of Harris

Before me personally appeared Michael D. Berger  
who acknowledged the foregoing instrument to be a free act and deed and also represented that  
he/she is authorized to execute the same this 2<sup>nd</sup> day of February in the year 2021.

Sandra H. Address  
(Notary Public)

[SEAL]



My Commission Expires:

June 17, 2023