

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5385906

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANTONY JOSEPH	02/15/2019
GEOFFREY LOUIS CHI-JOHNSTON	02/15/2019
VISHAL SURESH VAINGANKAR	02/19/2019
LAURA ATHENA FREEMAN	02/15/2019
RECEIVING PARTY DATA	
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Street Address:	1201 BRYANT STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16280415
CORRESPONDENCE DATA	
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Address Line 2:	SUITE 440
Address Line 4:	INDEPENDENCE, OHIO 44131
ATTORNEY DOCKET NUMBER:	P100142-US-01/CRSP-0065
NAME OF SUBMITTER:	TODD E. BEHRENS
SIGNATURE:	/Todd E. Behrens/
DATE SIGNED:	02/21/2019
Total Attachments: 4	
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PATENT ASSIGNMENT

Docket No: P100142-US-01/CRSP-0065

I, Antony Joseph, ("ASSIGNOR") am the original inventor or an original joint inventor of the subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTONOMOUS VEHICLE ROUTING BASED UPON SPATIOTEMPORAL FACTORS" ("APPLICATION"), which:

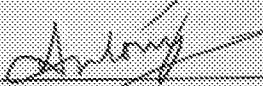
☒ will be filed. ASSIGNOR hereby authorizes, and requests, any practitioner associated with Customer No. 156698 to insert here in parentheses (filed on 2019-02-20 and given Application No. 16/280,415 by the following Office United States Patent & Trademark Office) this APPLICATION's Application No., filing date, and Office, when known.

☐ was filed on _____ and was given Application No. _____ by the following Office "_____".

GM Cruise Holdings LLC, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")).

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES).

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 _____ Inventor's Signature	<u>02/15/2019</u> _____ Date
<u>Antony Joseph</u> _____ Inventor's name	<u>San Francisco, CA</u> _____ Inventor's Residence

PATENT ASSIGNMENT

Docket No: P100142-US-01/CRSP-0065

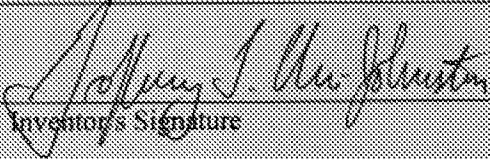
I, Geoffrey Louis Chi-Johnston, ("ASSIGNOR") am the original inventor or an original joint inventor of the subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTONOMOUS VEHICLE ROUTING BASED UPON SPATIOTEMPORAL FACTORS" ("APPLICATION"), which:

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 Inventor's Signature	<u>2/15/19</u> Date
<u>Geoffrey Louis Chi-Johnston</u> Inventor's name	<u>San Francisco, California</u> Inventor's Residence

PATENT ASSIGNMENT

Docket No: P100142-US-01/CRSP-0065

I, Vishal Suresh Vaingankar, ("ASSIGNOR") am the original inventor or an original joint inventor of the subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTONOMOUS VEHICLE ROUTING BASED UPON SPATIOTEMPORAL FACTORS" ("APPLICATION"), which:

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<u>V. Vaingankar</u>	<u>2/19/2019</u>
Inventor's Signature	Date
<u>Vishal Suresh Vaingankar</u>	<u>Kensington, CA</u>
Inventor's name	Inventor's Residence

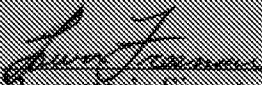
I, Laura Athena Freeman, ("ASSIGNOR") am the original inventor or an original joint inventor of the subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTONOMOUS VEHICLE ROUTING BASED UPON SPATIOTEMPORAL FACTORS" ("APPLICATION"), which:

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 Inventor's Signature	<u>2/15/2019</u> Date
<u>Laura Athena Freeman</u> Inventor's name	<u>San Francisco, CA</u> Inventor's Residence