507843611 04/07/2023

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NICHOLAS ARMSTRONG-CREWS	12/08/2020
ARTHUR SAFIRA	12/08/2020

RECEIVING PARTY DATA

Name:	WAYMO LLC
Street Address:	1600 AMPHITHEATRE PARKWAY
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18132040

CORRESPONDENCE DATA

Fax Number: (973)597-2400

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: 9735972500

Email: iedwards@lowenstein.com
Correspondent Name: LOWENSTEIN SANDLER LLP
Address Line 1: ONE LOWENSTEIN DRIVE

Address Line 4: ROSELAND, NEW JERSEY 07068

ATTORNEY DOCKET NUMBER:	38177.140 (L0019C)	
NAME OF SUBMITTER:	EUGENE MISHCHENKO	
SIGNATURE:	/Eugene Mishchenko/	
DATE SIGNED:	04/07/2023	

Total Attachments: 2

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PATENT 507843611 REEL: 063260 FRAME: 0029

legal representatives; and

A	Attorney Docket No. 38177.19 (L0019)
	For good and valuable consideration, the receipt and sufficiency of which is hereby
	acknowledged, I/we, the undersigned, Nicholas Armstrong-Crews and Arthur Safira,
	hereby sell, assign, and transfer to <u>Waymo LLC</u>
	a <u>Limited Liability Company</u> of <u>Delaware</u> , (Type of Assignee: e.g., corporation, company, partnership, university, etc.)
	having a principal place of business at 1600 Amphitheatre Parkway, Mountain View, CA, 94043,
	("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled
	DETECTION OF PARTICULATE MATTER IN AUTONOMOUS VEHICLE APPLICATIONS
	said patent application also identified as follows (when known):
	[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]
	United States Patent Application Number <u>17/247,353</u> filed <u>December 8, 2020</u> ,
	and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;
	agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or

representatives in securing and maintaining proper patent protection for said inventions or

improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and

PATENT REEL: 063260 FRAME: 0030 covenant with said Assignee, its successors, assigns, and 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.

Each Inventor: Please Sign and Date Below:

Date

Docusigned by:

Mcholas Armstrong-Crews

Nicholas Armstrong-Crews

Docusigned by:

Urtur Safira

CBAGTOSTAF FB475

Arthur Safira