

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8047106

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	R. KEMP MASSENGILL	07/10/2023
	DAVID E. NEWMAN	07/10/2023
RECEIVING PARTY DATA		
Name:	AUTONOMOUS ROADWAY INTELLIGENCE, LLC	
Street Address:	709 VIA DEL MONTE	
City:	PALOS VERDES	
State/Country:	CALIFORNIA	
Postal Code:	90274	
PROPERTY NUMBERS Total: 36		
Property Type	Number	
Application Number:	16390219	
Application Number:	16560355	
Application Number:	18205031	
Application Number:	62782672	
Application Number:	15347573	
Application Number:	15729757	
Application Number:	16715108	
Application Number:	17026707	
Application Number:	17175472	
Application Number:	17204028	
Application Number:	17217559	
Application Number:	17325444	
Application Number:	17338897	
Application Number:	17345501	
Application Number:	17354289	
Application Number:	17732929	
Application Number:	18198459	
Application Number:	16114950	
PCT Number:	US1725882	

PATENT

Property Type	Number
Application Number:	16503020
Application Number:	17738424
Application Number:	17991051
Application Number:	62861055
Application Number:	17583386
Application Number:	17858203
Application Number:	18106710
Application Number:	63288807
Application Number:	17583395
Application Number:	17875919
Application Number:	63290731
Application Number:	17582243
Application Number:	17895181
Application Number:	18084848
Application Number:	63287428
PCT Number:	US1725887
Application Number:	15347612

CORRESPONDENCE DATA

Fax Number: (908)518-7795

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: 9085187700

Email: MWOLF@MWPATENTLAW.COM

Correspondent Name: MAYER & WILLIAMS PC

Address Line 1: 55 MADISON AVENUE, SUITE 400

Address Line 4: MORRISTOWN, NEW JERSEY 07960

ATTORNEY DOCKET NUMBER:	ARI MASTER
NAME OF SUBMITTER:	MICHELLE WOLF
SIGNATURE:	/michelle wolf/
DATE SIGNED:	07/10/2023

Total Attachments: 6

source=6900.GEN Assignment to ARI 7.10.2023#page1.tif

source=6900.GEN Assignment to ARI 7.10.2023#page2.tif

source=6900.GEN Assignment to ARI 7.10.2023#page3.tif

source=6900.GEN Assignment to ARI 7.10.2023#page4.tif

source=6900.GEN Assignment to ARI 7.10.2023#page5.tif

source=6900.GEN Assignment to ARI 7.10.2023#page6.tif

ASSIGNMENT

Whereas We,

R. Kemp Massengill, a United States citizen, residing at Palos Verdes, California, USA;
and

David E. Newman, a United States citizen, residing at Poway, California, USA;

(hereinafter referred to as “the Assignor”); have invented certain new and useful improvements as described in the following US Patent Applications:

OUR REF.	PREVIOUSLY RECORDED	SERIAL NO.	PATENT NUMBER	TITLE
6900/6US	*	16/390,219	10,816,635	AUTONOMOUS VEHICLE LOCALIZATION SYSTEM
6900.6C1	*	16/560,355	10,816,636	AUTONOMOUS VEHICLE LOCALIZATION SYSTEM
6900/6USC6		18/205,031		INTER-VEHICLE SIGNALING FOR COLLISION AVOIDANCE AND HARM MINIMIZATION
6900/6P	*	62/782,672		INFRARED PULSE FOR AUTONOMOUS VEHICLE IDENTIFICATION
6900/1	*	15/347,573	9,896,096	SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C1	*	15/729,757	10,059,335	SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C3		16/715,108		SYSTEMS AND METHODS FOR

OUR REF.	PREVIOUSLY RECORDED	SERIAL NO.	PATENT NUMBER	TITLE
				HAZARD MITIGATION
6900/1C4		17/026,707		SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C5		17/175,472		SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C6		17/204,028		SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C7		17/217,559		Controlling Post- collision Autonomous Driving based on Driver Responsiveness
6900/1C8		17/325,444		SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C9		17/338,897		SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C10		17/345,501		SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C11		17/354,289		SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C12		17/732,929		SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1C13		18/198,459		AI-BASED VEHICLE COLLISION AVOIDANCE AND HARM MINIMIZATION
6900/1C2	*	16/114,950	10,507,829	SYSTEMS AND METHODS FOR HAZARD MITIGATION
6900/1PCT		PCT/US17/25882		SYSTEMS AND METHODS FOR

OUR REF.	PREVIOUSLY RECORDED	SERIAL NO.	PATENT NUMBER	TITLE
				HAZARD MITIGATION
6900/10	*	16/503,020	10,713,950	RAPID WIRELESS COMMUNICATION FOR VEHICLE COLLISION MITIGATION
6900/10C4		17/738,424	11,514,792	MULTI-COMPUTER COMMUNICATION IN 5G/6G FOR TRAFFIC SAFETY
6900/10C5		17/991,051		METHOD FOR A SUPERCOMPUTER TO MITIGATE TRAFFIC COLLISIONS WITH 5G OR 6G
6900/10P	*	62/861,055		RAPID WIRELESS COMMUNICATION FOR VEHICLE COLLISION MITIGATION
6900/75	*	17/583,386	11,402,513	V2X MESSAGING IN 5G/6G WITH SIMULTANEOUS GPS RECEPTION
6900/75C1		17/858,203	11,582,598	PRECISION LOCALIZATION OF MOBILE 5G/6G TERMINALS BY COORDINATED GNSS RECEPTION
6900/75C2		18/106,710		METHODS FOR RAPID, PRECISION POSITION DETERMINATION IN 5G/6G
6900/75P	*	63288807		V2X MESSAGING IN 5G/6G WITH SIMULTANEOUS GPS RECEPTION
6900/76	*	17/583,395	11,438,762	VEHICLE CONNECTIVITY, V2X

OUR REF.	PREVIOUSLY RECORDED	SERIAL NO.	PATENT NUMBER	TITLE
				COMMUNICATION, AND 5G/6G SIDELINK MESSAGING
6900/76C1		17/875,919		CONNECTIVITY MATRIX FOR RAPID 5G/6G WIRELESS ADDRESSING
6900/76P	*	63/290,731		VEHICLE CONNECTIVITY, V2X COMMUNICATION, AND 5G/6G SIDELINK MESSAGING
6900/74	*	17/582,243	11,451,955	V2X AND VEHICLE LOCALIZATION BY LOCAL MAP EXCHANGE IN 5G OR 6G
6900/74C1		17/895,181	11,546,753	SIMULTANEOUS TRAFFIC MAPPING FOR AI-ASSISTED V2V AND V2X IN 5G/6G
6900/74C2		18/084,848		VEHICLE LOCALIZATION AND IDENTIFICATION BY MAP MERGING IN 5G AND 6G
6900/74P	*	63/287,428		V2X AND VEHICLE LOCALIZATION BY LOCAL MAP EXCHANGE IN 5G/6G
6900/2PCT		PCT/US17/25887		SYSTEMS AND METHODS FOR HAZARD MITIGATION

OUR REF.	PREVIOUSLY RECORDED	SERIAL NO.	PATENT NUMBER	TITLE
6900/2	*	15/347,612	9,701,307	SYSTEMS AND METHODS FOR HAZARD MITIGATION

And

WHEREAS, **AUTONOMOUS ROADWAY INTELLIGENCE, LLC**, organized and existing under and by virtue of the laws of the State of California, having an office at 709 Via Del Monte, Palos Verdes, CA 90274 (hereinafter referred to as “the Assignee”), is desirous of acquiring the entire right, title and interest in and to the application and invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained.

NOW THEREFORE, in consideration of One U.S. Dollar (U.S. \$1.00) and other valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, I hereby, without reservation:

1. Assign, transfer, and convey to Assignee the entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries for any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;
4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;
5. Bind my heirs, legal representatives, and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me

or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives, or assigns which may be useful for establishing the facts of my conception, disclosure, and reduction to practice of said inventions and discoveries.

R. Kemp Massengill/
R. Kemp Massengill

Date: 7/10/2023

David E. Newman/
David E. Newman

Date: 7/10/2023