## 506033465 04/27/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6080180

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KAMEL BENBOUDJEMA	04/24/2020
RICHARD KALANTAR OHANIAN	04/24/2020
ARAM GARIBYAN	04/24/2020
ABDELKRIM EL AMILI	04/24/2020
SCOTT SINGER	04/24/2020

#### **RECEIVING PARTY DATA**

Name: GM CRUISE HOLDINGS LLC	
Street Address:	1201 BRYANT STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94103

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16858559

### **CORRESPONDENCE DATA**

Fax Number:

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.

Email: admin-docketing@medleybehrens.com
Correspondent Name: MEDLEY, BEHRENS & LEWIS, LLC

Address Line 1: 6100 ROCKSIDE WOODS BLVD., SUITE 440

Address Line 4: INDEPENDENCE, OHIO 44131

ATTORNEY DOCKET NUMBER:	P100368-US-01/CRSP-0091
NAME OF SUBMITTER:	TODD E. BEHRENS
SIGNATURE:	/Todd E. Behrens/
DATE SIGNED:	04/27/2020

**Total Attachments: 5** 

source=CRSP-0091-Assignment#page1.tif source=CRSP-0091-Assignment#page2.tif

PATENT 506033465 REEL: 052505 FRAME: 0031

source=CRSP-0091-Assignment#page3.tif
source=CRSP-0091-Assignment#page4.tif
source=CRSP-0091-Assignment#page5.tif

PATENT REEL: 052505 FRAME: 0032

Inventor's name

# **PATENT ASSIGNMENT**

inventor of the entitled "MUI	e subject matter ("INVENTION") d	am the original inventor or an original joint isclosed and/or claimed in a patent application IPLIFIER FOR SENSOR APPLICATION"
	associated with Customer No. 156 on April 24, 2020 and given A	authorizes, and requests, any practitioner 698 to insert here in parentheses (filed pplication No. 16/858,559 by the and Trademark Office) this APPLICATION's office, when known.
	was filed on and w the following Office "	as given Application No by
("ASSIGNEE and interest, in other applications.")	ncluding the right of priority, in the ions and patents derived therefrom, r the United States, its territories, and	self and its successors and assigns acquiring, the entire and exclusive rights, title INVENTION and the APPLICATION (and all such as continuing applications, in whole or in ad all foreign countries ("APPLICATION")
ASSIGNOR, ASSIGNOR'S	the ASSIGNOR hereby sells, assigr	d interest, including the right of priority, in the
prosecution of regarding letter	f the APPLICATION (and APPLIC	ents and documents required for the making and ATION DERIVATIVES), for litigation the purpose of protecting and perfecting title RIVATIVES).
Discussioned	arrparghma m	4/24/2020
A american	s Signature	Date
Kamel B	enboudjema	Pasadena, California

Inventor's Residence

Docket No: P100368-US-01/CRSP-0091

I, <u>Richard Kalantar Ohanian</u>, ("ASSIGNOR") am the original inventor or an original joint inventor of the subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>MULTISTAGE VARIABLE GAIN AMPLIFIER FOR SENSOR APPLICATION</u>" ("APPLICATION"), which:

Docket No: P100368-US-01/CRSP-0091

$\times$	will be filed. ASSIGNOR hereby authorizes, and requests, any practitioner
	associated with Customer No. 156698 to insert here in parentheses (filed
	on April 24, 2020 and given Application No. 16/858,559 by the
	following Office United States Patent and 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).

Richard Falantar Olianian	4/24/2020
Inventor's Signature	Date
Richard Kalantar Ohanian	Glendale, California
Inventor's name	Inventor's Residence

Page 1 of 1

I, <u>Aram Garibyan</u>, ("ASSIGNOR") am the original inventor or an original joint inventor of the subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>MULTISTAGE VARIABLE GAIN AMPLIFIER FOR SENSOR APPLICATION</u>" ("APPLICATION"), which:

Docket No: P100368-US-01/CRSP-0091

$\boxtimes$	will be filed. ASSIGNOR hereby authorizes, and requests, any practitioner
	associated with Customer No. 156698 to insert here in parentheses (filed
	on April 24, 2020 and given Application No. 16/858,559 by the
	following Office United States Patent and 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).

Aram Garbyain	4/24/2020
Inventor's Signature	Date
Aram Garibyan	La Crescenta, California
Inventor's name	Inventor's Residence

Page 1 of 1

Docket No: P100368-US-01/CRSP-0091

inventor of the entitled " <u>MUI</u>	e subject matter ("INVENTION") o	am the original inventor or an original joint disclosed and/or claimed in a patent application MPLIFIER FOR SENSOR APPLICATION"
	associated with Customer No. 156 on April 24, 2020 and given A	authorizes, and requests, any practitioner 6698 to insert here in parentheses (filed Application No. 16/858,559 by the and Trademark Office) this APPLICATION's Office, when known.
	was filed on and we the following Office "	vas given Application No by"
("ASSIGNEE" and interest, in other applicati part, in and fo DERIVATIVI  For go ASSIGNOR, to ASSIGNOR, to the state of the	ncluding the right of priority, in the lons and patents derived therefrom, r the United States, its territories, a ES")).  od and valuable consideration, the the ASSIGNOR hereby sells, assign	acquiring, the entire and exclusive rights, title in INVENTION and the APPLICATION (and all such as continuing applications, in whole or in and all foreign countries ("APPLICATION"  receipt of which is hereby acknowledged by the ms and transfers to the ASSIGNEE, and interest, including the right of priority, in the
prosecution of regarding lette	f the APPLICATION (and APPLIC	nents and documents required for the making and CATION DERIVATIVES), for litigation or the purpose of protecting and perfecting title RIVATIVES).
karin e	L Amili	4/24/2020
	s Signature	Date
-	m El Amili	Arcadia, California
Inventor's	s name	Inventor's Residence

I, <u>Scott Singer</u>, ("ASSIGNOR") am the original inventor or an original joint inventor of the subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>MULTISTAGE VARIABLE GAIN AMPLIFIER FOR SENSOR APPLICATION</u>"

Docket No: P100368-US-01/CRSP-0091

("APPLICATION"), which:

RECORDED: 04/27/2020

$\times$	will be filed. ASSIGNOR hereby authorizes, and requests, any practitioner
	associated with Customer No. 156698 to insert here in parentheses (filed
	on April 24, 2020 and given Application No. 16/858,559 by the
	following Office United States Patent and 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).

Scott Singer	4/24/2020
Inventor's Signature	Date
Scott Singer	San Gabriel, California
Inventor's name	Inventor's Residence

Page 1 of 1

PATENT REEL: 052505 FRAME: 0037