PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH R. ABRASH	09/28/2021
PAUL A. ADAM	09/27/2021
ROBERT C. BARASZU	09/23/2021
DMITRIY FELDMAN	09/23/2021
YADOLLAH SABRI	09/27/2021

RECEIVING PARTY DATA

Name:	GM GLOBAL TECHNOLOGY OPERATIONS LLC
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Internal Address:	Mail Code 482-C23-B21
City:	Detroit
State/Country:	MICHIGAN
Postal Code:	48265-3000

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17487261

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	P100439-PRI-NP-US01
NAME OF SUBMITTER:	DONNA BERKLEY
SIGNATURE:	/Donna Berkley/
DATE SIGNED:	09/28/2021

Total Attachments: 5

PATENT REEL: 057623 FRAME: 0207

506892964



PATENT REEL: 057623 FRAME: 0208

Pursuant to an agreement with my employer, I formally assign to GM Global Technology Operations LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P100439-PRI-NP-US01 entitled

AUTOMATED DRIVING SYSTEMS AND CONTROL LOGIC FOR LANE LOCALIZATION OF TARGET OBJECTS IN MAPPED ENVIRONMENTS

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 72823 to insert the application number and filing date

of said application here in parentheses (17/487,261 filed 28-SEPT-2021 when known. Inventor's signature: Joe al Date: 9/28/2021 Full name: Joseph R. Abrash Residence: Bloomfield Hills, MI Inventor's signature: ______ Date: _____ Full name: Paul A. Adam Residence: Milford, MI Inventor's signature: _____ Date: ____ Full name: Robert C. Baraszu Residence: Livonia, MI Inventor's signature: _____ Date: ____ Full name: Dmitriy Feldman Residence: West Bloomfield, MI Inventor's signature: ______ Date: _____ Full name: Yadollah Sabri Residence: Sterling Heights, MI

PATENT

REEL: 057623 FRAME: 0209

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Inventor's signature:	Date:
Full name: Joseph R. Abrash	
Residence: Bloomfield Hills, MI	
Inventor's signature:/Paul A Adam/	
Full name: Paul A. Adam	
Residence: Milford, MI	
Inventor's signature:	Date:
Full name: Robert C. Baraszu	
Residence: Livonia, MI	
Inventor's signature:	Date:
Full name: Dmitriy Feldman	-
Residence: West Bloomfield, MI	
Inventor's signature:	Date:
Full name: Yadollah Sabri	
Pasidenas Starling Unights MI	

PATENT REEL: 057623 FRAME: 0210

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when known.			_
		-	
Inventor's signature:	Nate:		
Full name: Joseph R. Abrash			
Residence: Bloomfield Hills, MI		·	
Inventor's signature:	_ Date: _		
Full name: Paul A. Adam			
Residence: Milford, MI			
Inventor's signature: Love Durce	_ Date: _	9-23-2021	
Full name: Robert C. Baraszu			
Residence: Livonia, MI		-	
Inventor's signature:	_ Date:		
Full name: Dmitriy Feldman			
Residence: West Bloomfield, MI			
Inventor's signature:	Date:		
Full name: Vadollah Sahri			

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Inventor's signature:	Date:
Full name: Joseph R. Abrash	
Residence: Bloomfield Hills, MI	
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Full name: Paul A. Adam	
Residence: Milford, MI	
Inventor's signature:	Date:
Full name: Robert C. Baraszu	
Residence: Livonia, MI	
Inventor's signature: D. Feldman	Date:9/23/21
Full name: Dmitriy Feldman	
Residence: West Bloomfield, MI	
Inventor's signature:	Date:
Full name: Vadallah Sahri	

PATENT REEL: 057623 FRAME: 0212

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when known.	med 20 5L1 1 2021
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Inventor's signature:	
Full name: Joseph R. Abrash	
Residence: Bloomfield Hills, MI	
Inventor's signature:	
Full name: Paul A. Adam	
Residence: Milford, MI	
Inventor's signature:	Date:
Full name: Robert C. Baraszu	
Residence: Livonia, MI	
Inventor's signature:	Date:
Full name: Dmitriy Feldman	
Residence: West Bloomfield, MI	
Inventor's signature:/Yadollah Sabri/	Date:9/27/2021
Full name: Yadollah Sabri	
Residence: Sterling Heights, MI	

PATENT REEL: 057623 FRAME: 0213

RECORDED: 09/28/2021