PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6587027

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
PRASHANT TIWARI	03/04/2021		
BAEKGYU KIM	03/04/2021		
NEJIB AMMAR	03/04/2021		

RECEIVING PARTY DATA

Name:	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.
Street Address:	6565 HEADQUARTERS DRIVE W1-3C
City:	PLANO
State/Country:	TEXAS
Postal Code:	75024

PROPERTY NUMBERS Total: 1

Property Type	Number					
Application Number:	17193687					

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	22562-6148 / 2020-749
NAME OF SUBMITTER:	YONGSOK CHOI
SIGNATURE:	/Yongsok Choi/
DATE SIGNED:	03/05/2021

Total Attachments: 2

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PATENT 506540249 REEL: 055510 FRAME: 0490

ASSIGNMENT

	•	WHER	EAS,	we, Pr	ashan	t Tiwar	i, of 44	89 La	ıfayette	St., 1	Santa	Clara,	CA 9:	5054,
BaekGyu	Kim	i, of 46	5 Ben	nardo 1	Ave., 1	Mountai i	n View,	CA	94043,	and]	Nejib	Amm	ar, of	1891
Montford	Ct., \$	San Jos	e, CA	95132	, herei	nafter th	e <i>ASSI</i> C	<i>inor</i>	(S), inv	entec	l certa	in nev	v and u	iseful
METHOI	DS .	AND	SYST	EMS	FOR	PROV	IDING	W)	RELE	SS (CON	VECT:	IVITY	IN
EXCHAN	IGE	FOR	WAR	RANI	CY C	OMPLI	ANCE	MO	NITOI	UNG	USI	NG I	ROAM	IING
ANCHO	VE	HICL	ES for	which	we ex	recuted	an appli	icatio	n for a	Unite	ed Sta	tes Pa	tent an	d for
which said	l app	lication	for U	nited S	tates P	atent wa	s filed o	n	March	5, 202	1	١ ,	ınder	

☑ Attorney Docket No. <u>22562-6148 / 2020-749 / IP-A-5091</u>;

WHEREAS, the ASSIGNOR(S) hereby authorize(s) and request(s) the attorney(s) and/or agent(s) empowered to act on Toyota Motor Engineering & Manufacturing North America, Inc.'s behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc., a corporation of the State of Kentucky, with a place of business at 6565 Headquarters Drive W1-3C, Plano, Texas 75024, hereinafter called the *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any Letters Patent that may issue thereon;

AND, WHEREAS, it is the intent of the ASSIGNOR(S) to assign all rights to the above referenced application to the ASSIGNEE, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States:

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said ASSIGNEE, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEE and the ASSIGNEE's successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, as fully and entirely as the same would have been held by the ASSIGNOR(S) had this assignment not been made;

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ASSIGNOR(S) hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

ASSIGNOR(S):				
Ву:	/Prashant Tiwari/ Prashant Tiwari			
Date:	3/4/2021			
Ву:	Backeyu sim/			
Date:	BackGyu Kim 3/4/2021			
By:	/Nyib Ammar/ Nejib Ammar			
	Nejib Ammar			
Date:	3/4/2021			