### 507103553 01/31/2022

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT7150391 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SHAILESH N. JOSHI	01/24/2022
ERCAN M. DEDE	01/24/2022

### **RECEIVING PARTY DATA**

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

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17587232

#### **CORRESPONDENCE DATA**

**Fax Number:** (202)683-6783

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:** 2026839317

**Email:** schambers@jordaniplaw.com,admin@jordaniplaw.com

Correspondent Name: JORDAN IP LAW, LLC

Address Line 1: 12501 PROSPERITY DRIVE

Address Line 2: SUITE 401

Address Line 4: SILVER SPRING, MARYLAND 20904

ATTORNEY DOCKET NUMBER:	IP-A-5750/ 8010-6402
NAME OF SUBMITTER:	DIALLO T. CRENSHAW
SIGNATURE:	/ Diallo T. Crenshaw /
DATE SIGNED:	01/31/2022

#### **Total Attachments: 4**

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PATENT 507103553 REEL: 058832 FRAME: 0512

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PATENT REEL: 058832 FRAME: 0513

Attorney Docket No.: IP-A-5750/8010-6402

## **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventor(s):

Shailesh N. JOSHI; Ercan M. DEDE

hereby sell, assign, and transfer to:

## Toyota Motor Engineering & Manufacturing North America, Inc. of 6565 Headquarters Drive, Plano, Texas, 75024

("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

# DYNAMIC ADJUSTMENT OF FORWARD LIGHTING PROJECTION LENS USING PHOTOCHROMATIC MATERIAL

(I hereby authorize and request any attorney having appropriate authority from the assignee to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on		as	
	_ Application Number		and
COUNTRY or International Offic	e		

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and 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 Additional Applications, and all other patent applications on any and all said inventions and improvements; execute

PATENT REEL: 058832 FRAME: 0514 all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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.

Shailesh Joshi	1-24-2022
Shailesh N. JOSHI	Date signed
Ercan M. DEDE	Date signed

Attorney Docket No.: IP-A-5750/8010-6402

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which was filed on		as	
	Application Number		and
COUNTRY or International Off	ice		

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and 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 Additional Applications, and all other patent applications on any and all said inventions and improvements; execute

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## Attorney Docket No.: IP-A-5750/8010-6402

all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

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.

Shailesh N. JOSHI	Date signed
	01/24/2022
Ercan M. DEDE	Date signed