502908580 07/25/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2955177

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	07/21/2014

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA		
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City:	TOYOTA AICHI		
State/Country:	JAPAN		
Postal Code:	471-8571		

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8786496

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NAME OF SUBMITTER:	KETAN S. VAKIL
SIGNATURE:	/Ketan S. Vakil/
DATE SIGNED:	07/25/2014

Total Attachments: 1

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PATENT REEL: 033396 FRAME: 0538

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ASSIGNMENT

WHEREAS, Toyota Motor Engineering & Manufacturing North America, Inc. a Corporation organized and pursuant to the laws of Kentucky, having its principal place of business at 25 Atlantic Avenue; Erlanger, Kentucky 41018 (hereinafter referred to as Assignor), is the joint owner, by assignment, of the Letter Patent listed in Schedule A; and

WHEREAS, Toyota Jidosha Kabushiki Kaisha, a Corporation organized under and pursuant to the laws of Japan, having its principal place of business at 1 Toyota-Cho, Toyota Aichi, 471-8571, JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the right, title, and interest in, to and under said Letter Patent and the invention covered thereby;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer, and set over to the said Assignee, the entire right, title, and interest for the United States of America and all other countries in and to said Letters Patent listed on Schedule A. The same to be held and enjoyed by the same Assignee, for its own use and enjoyment of its successors, assigns, and other legal representatives, to the end of the term or terms for which Letters Patent of the United States and all other countries listed on the attached Schedule A are granted or reissued or reexamined as fully and entirely as the same would have been held and enjoyed by the said Assignor, if this assignment and sale had not been made, together with all claims for damages by reason of past infringement of Letters Patent listed on Schedule A, with the right to sue for, and collect the same for its own use and behoof, and for the use and behoof of its successors, assigns, or other legal representatives.

SCHEDULE A

Patent Number	Date of Patent	Inventor	Title	Country
8,786,496	July 22, 2014	Alexandros Margomenos	Three-Dimensional Array Antenna on a Substrate with Enhanced Backlobe Suppression for MM- Wave Automotive Applications	USA

Date:

Signature/

19733899

PATENT REEL: 033396 FRAME: 0539