

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6287892

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
TOYOTA JIDOSHA KABUSHIKI KAISHA		06/30/2020
RECEIVING PARTY DATA		
Name:	DENSO CORPORATION	
Street Address:	1-1, SHOWA-CHO	
City:	KARIYA-CITY, AICHI-PREF	
State/Country:	JAPAN	
Postal Code:	448-8661	
PROPERTY NUMBERS Total: 23		
Property Type	Number	
Patent Number:	7511447	
Patent Number:	7911177	
Patent Number:	10283626	
Patent Number:	9536961	
Patent Number:	10658503	
Patent Number:	9401421	
Patent Number:	9276137	
Patent Number:	9773900	
Patent Number:	9184044	
Patent Number:	9520487	
Patent Number:	9425271	
Patent Number:	9159721	
Patent Number:	9666580	
Patent Number:	9620632	
Patent Number:	10147812	
Patent Number:	9508710	
Patent Number:	9198332	
Patent Number:	10242869	
Patent Number:	10256295	
Patent Number:	9153576	

PATENT

Property Type	Number
Patent Number:	9620499
Patent Number:	10312362
Patent Number:	10002863

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400

Email: email@oliff.com

Correspondent Name: OLIFF PLC

Address Line 1: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320

ATTORNEY DOCKET NUMBER:	189598
NAME OF SUBMITTER:	MELISSA SNYDER
SIGNATURE:	/MELISSA SNYDER/
DATE SIGNED:	09/08/2020

Total Attachments: 3

source=7800345_1#page1.tif

source=7800345_1#page2.tif

source=7800345_1#page3.tif

ASSIGNMENT

WHEREAS, TOYOTA JIDOSHA KABUSHIKI KAISHA, a company established under the laws of Japan whose address is 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan (hereinafter called "Assignor"), is the owner by assignment duly recorded in the United States Patent and Trademark Office of the United States Letters Patent(s) and/or patent application(s) identified in the attached APPENDIX (hereinafter called "Patent Properties").

To the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, DENSO CORPORATION, a company established under the laws of Japan whose address is 1-1, Showa-cho, Kariya-city, Aichi-pref, 448-8661 JAPAN (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), including any and all provisional, non-provisional, divisional, continuation, international, design, confirmation, substitute and reissue application(s) or extensions of the same.

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, the entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), including any and all provisional, non-provisional, divisional, continuation, design, confirmation, substitute and reissue application(s) or extensions thereof; the same to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Properties with the right to sue for and collect the same for its own use and for the use of its successors, assigns and legal representatives.

Assignor agrees that this assignment is binding on Assignor and its successors, assigns and legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States, resulting from said Patent Properties and any confirmations, divisions, continuations, reexaminations, reissues or extensions thereof, to Assignee.

Assignor agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning said Patent Properties (and/or patents

that may be granted therefrom), or any confirmation, division, continuation, reexamination or reissue thereof, and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

Assignor covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

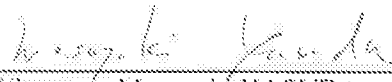
Assignor agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

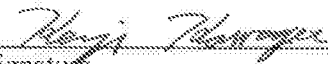
Assignor agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to Assignee.

Assignor grants the firm of OLIFF PLC of Alexandria, Virginia the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment is effective as of the 30 day of June, 2020.


Witness Kentaro OTOKUBO


Witness Masayuki YASUDA


Signature
Officer of Assignor

Kenji KAWAGOE
Typewritten Name of Officer

General Manager
IP Promotion Dept. No. 1
Intellectual Property Div.
Title of Officer

APPENDIX

No.	Application No.	Patent No.
1	11/578,241	7,511,447
2	12/451,975	7,911,177
3	15/671,452	10,283,626
4	14/925,146	9,536,961
5	16/111,745	10,658,503
6	14/657,083	9,401,421
7	14/155,998	9,276,137
8	15/240,745	9,773,900
9	14/699,560	9,184,044
10	14/925,037	9,520,487
11	14/002,752	9,425,271
12	14/617,357	9,159,721
13	15/291,744	9,666,580
14	15/030,192	9,620,632
15	15/342,858	10,147,812
16	14/901,579	9,508,710
17	14/145,451	9,198,332
18	15/842,249	10,242,869
19	15/704,703	10,256,295
20	14/584,793	9,153,576
21	15/119,420	9,620,499
22	15/833,938	10,312,362
23	15/145,236	10,002,863