

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT6041261

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOYOTA JIDOSHA KABUSHIKI KAISHA	12/24/2019

RECEIVING PARTY DATA

Name:	DENSO CORPORATION
Street Address:	1-1, SHOWA-CHO
City:	KARIYA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	448-8661

PROPERTY NUMBERS Total: 97

Property Type	Number
Patent Number:	10546760
Patent Number:	10522465
Patent Number:	10615291
Patent Number:	7042190
Patent Number:	7834578
Patent Number:	8581533
Patent Number:	8476856
Patent Number:	8427087
Patent Number:	9825529
Patent Number:	9077269
Patent Number:	8818596
Patent Number:	10224857
Patent Number:	10250171
Patent Number:	9873352
Patent Number:	10099563
Patent Number:	9979344
Patent Number:	9712101
Patent Number:	9647547
Patent Number:	10232807
Patent Number:	9899916

PATENT

Property Type	Number
Patent Number:	9438116
Patent Number:	10363831
Patent Number:	9837888
Patent Number:	10164551
Patent Number:	9553541
Patent Number:	10103664
Patent Number:	10158312
Patent Number:	10069396
Patent Number:	9859646
Patent Number:	9260017
Patent Number:	9308877
Patent Number:	8982583
Patent Number:	8461955
Patent Number:	8680961
Patent Number:	9082542
Patent Number:	9899374
Patent Number:	9589952
Patent Number:	10002951
Patent Number:	9786746
Patent Number:	8878347
Patent Number:	9607836
Patent Number:	8878290
Patent Number:	8653643
Patent Number:	9048085
Patent Number:	8946813
Patent Number:	9111911
Patent Number:	8742556
Patent Number:	8072307
Patent Number:	7839641
Patent Number:	7999312
Patent Number:	9178014
Patent Number:	9608071
Patent Number:	9082842
Patent Number:	9887190
Patent Number:	9397206
Patent Number:	8736029
Patent Number:	8581422
Patent Number:	8786107

Property Type	Number
Patent Number:	9165848
Patent Number:	8659052
Patent Number:	8659150
Patent Number:	9379224
Patent Number:	9035415
Patent Number:	8610204
Patent Number:	9236330
Patent Number:	8748236
Patent Number:	9331001
Patent Number:	8810026
Patent Number:	8436461
Patent Number:	8865584
Patent Number:	8815646
Patent Number:	8414977
Patent Number:	8471291
Patent Number:	8686467
Patent Number:	8735974
Patent Number:	8633060
Patent Number:	8755185
Patent Number:	8334193
Patent Number:	8598652
Patent Number:	8330185
Patent Number:	8299496
Patent Number:	8426972
Patent Number:	8277597
Patent Number:	8952553
Patent Number:	8536810
Patent Number:	9688154
Patent Number:	8878476
Patent Number:	9166516
Patent Number:	10084379
Application Number:	16160104
Application Number:	16131957
Application Number:	16146340
Application Number:	16139570
Application Number:	16294368
Application Number:	16546820
Application Number:	16557299

Property Type	Number
Application Number:	16213123

CORRESPONDENCE DATA

Fax Number: (202)220-4201

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.

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Email: mhumphreys@huntonak.com

Correspondent Name: HUNTON ANDREWS KURTH LLP

Address Line 1: 2200 PENNSYLVANIA AVE

Address Line 2: SUITE 900

Address Line 4: WASHINGTON, D.C. 20037

ATTORNEY DOCKET NUMBER:	CHANGE ASG TOYOTA-DENSO
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NAME OF SUBMITTER:	MICHELLE HUMPHREYS
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SIGNATURE:	/Michelle Humphreys/
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DATE SIGNED:	04/01/2020
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Total Attachments: 5

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ASSIGNMENT

WHEREAS, **TOYOTA JIDOSHA KABUSHIKI KAISHA**, a Japanese company having a place of business at **1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan** (hereinafter "ASSIGNOR"), by reason of an assignment from the inventors which was recorded at the U.S. Patent and Trademark Office is owner of the invention or inventions described in the attached Schedule "A" of U.S. Patent Application Nos. and U.S. Patent Nos., and

WHEREAS, **DENSO CORPORATION**, a Japanese company having its principal place of business at **1-1, Showa-cho, Kariya-city, Aichi-pref, 448-8661 JAPAN** (hereinafter "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire right, title and interest in and to said patent application and the invention or inventions therein described and claimed, and to any Letters Patent that may be granted therefor in the United States in the attached Schedule "A",

NOW, THEREFORE, for and in consideration of the equivalent of One U.S. Dollar (U.S. \$1.00), and other good and valuable consideration furnished by ASSIGNEE to ASSIGNOR, receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby, without reservations:

1. Assigns, transfers, and conveys to ASSIGNEE the entire right, title, and interest owned by ASSIGNOR in and to the Application, any and all inventions and discoveries therein described and/or claimed, and any and all Letters Patent that may be issued upon the Application, or for the inventions or discoveries therein contained, or upon any application based upon or claiming priority to the Application, in any and all countries, including all divisional, continuation, continuation-in-part, renewal, substitute, reissue, reexamination, international (including under the Patent Cooperation Treaty) and Convention applications, and any and all reissues and extensions of Letters Patent granted based upon the Application, for said inventions and discoveries, or upon any application based upon or claiming priority to the Application, and every priority right that is or may be predicated upon or arise from the Application, said inventions and discoveries, or any application based upon or claiming priority to the Application.

2. Authorizes ASSIGNEE to file patent applications in any or all countries for any or all of said inventions and discoveries in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable.

3. Authorizes and requests the Commissioner for Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to ASSIGNEE, as ASSIGNEE of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct.


4. Warrants that ASSIGNOR has not knowingly conveyed to others any right, title or interest in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; that ASSIGNOR has good right to assign the same to ASSIGNEE without encumbrance; and that ASSIGNOR is aware of no claim to the contrary.

5. Binds the legal representative, and assign of ASSIGNOR, as well as ASSIGNOR itself, to do, upon the request of ASSIGNEE and at the expense of ASSIGNEE, but without additional consideration to ASSIGNOR, or the legal representative, and assign of ASSIGNOR, all acts reasonably serving to assure that said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by ASSIGNOR, or by the legal representative, and assign of ASSIGNOR, if this assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; to communicate to ASSIGNEE all facts known to ASSIGNOR relating to said inventions and discoveries or the history thereof; and to furnish ASSIGNEE with any and all documents, photographs, models, samples, and other physical exhibits in the control of ASSIGNOR or in the control of the legal representative, or assign of ASSIGNOR which may be useful for establishing the facts of the conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, the undersigned authorized officer of ASSIGNOR has hereunto set his/her hand this 29 day of Dec. 2019.


For ASSIGNOR:

TOYOTA JIDOSHA KABUSHIKI KAISHA

By: 
Name: Kenji KAWAGOE
Title: General Manager, IP Promotion Dept.
Intellectual Property Div.

For ASSIGNEE:

DENSO CORPORATION

By: 
Name: Hiroaki OHSHIMA
Title: General Manager, Intellectual Property Division

SCHEDULE A

Application No.	Patent No.
US16/022151	
US16/037694	
US16/149800	
US16/160104	
US16/131957	
US16/146340	
US16/139570	
US16/255371	
US16/294368	
US16/546820	
US16/557299	
US10/758125	USP7042190
US11/547044	USP7834578
US13/123475	USP8581533
US13/395720	USP8476856
US13/146338	USP8427087
US14/435002	USP9825529
US14/073146	USP9077269
US13/576103	USP8818596
US14/917129	USP10224857
US14/917810	
US15/031518	USP9873352
US15/103532	USP10099563
US15/325211	USP9979344
US15/119178	USP9712101
US14/645710	USP9647547
US14/413335	USP10232807
US14/440415	USP9899916
US14/705192	USP9438116
US15/385382	
US15/041260	USP9837888
US15/041415	USP10164551
US14/913203	USP9553541
US15/720638	USP10103664
US15/408692	USP10158312
US15/837474	USP10069396
US15/078346	USP9859646
US14/008165	USP9260017
US14/008061	USP9308877
US13/882551	USP8982583
US13/574758	USP8461955
US13/582623	USP8680961

Application No.	Patent No.
US13/985403	USP9082542
US15/354240	USP9899374
US15/095458	USP9589952
US15/180772	USP10002951
US15/058727	USP9786746
US14/117165	USP8878347
US14/417902	USP9607836
US14/046361	USP8878290
US13/773443	USP8653643
US13/773423	USP9048085
US13/739436	USP8946813
US13/434742	USP9111911
US13/349993	USP8742556
US12/938016	USP8072307
US12/297894	USP7839641
US12/223871	USP7999312
US14/383942	USP9178014
US14/378366	USP9608071
US14/359761	USP9082842
US15/176439	USP9887190
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US13/552230	USP8736029
US13/611568	USP8581422
US13/613646	USP8786107
US14/347505	USP9165848
US13/616171	USP8659052
US13/554254	USP8659150
US14/240883	USP9379224
US13/640447	USP9035415
US13/698606	USP8610204
US13/988602	USP9236330
US13/578131	USP8748236
US13/819209	USP9331001
US13/819221	USP8810026
US13/499253	USP8436461
US13/387910	USP8865584
US13/475449	USP8815646
US13/133271	USP8414977
US13/635019	USP8471291
US13/609868	USP8686467
US13/579440	USP8735974
US13/238740	USP8633060
US13/515663	USP8755185
US13/242789	USP8334193
US13/499599	USP8598652

Application No.	Patent No.
US13/242072	USP8330185
US13/242960	USP8299496
US13/345165	USP8426972
US13/075451	USP8277597
US13/201597	USP8952553
US13/055610	USP8536810
US13/581749	USP9688154
US13/549127	USP8878476
US14/129722	USP9166516
US14/441938	USP10084379
US16/213123	