

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
CONTINENTAL AUTOMOTIVE GMBH		06/01/2020
RECEIVING PARTY DATA		
Name:	VITESCO TECHNOLOGIES GMBH	
Street Address:	VAHRENWALDER STRASSE 9	
City:	HANNOVER	
State/Country:	GERMANY	
Postal Code:	30165	
PROPERTY NUMBERS Total: 71		
Property Type	Number	
Application Number:	15951326	
Application Number:	15857662	
Application Number:	15652405	
Application Number:	15590500	
Application Number:	15630403	
Application Number:	15663090	
Application Number:	15619655	
Application Number:	15638617	
Application Number:	15595166	
Application Number:	15451027	
Application Number:	15945115	
Application Number:	15753042	
Application Number:	15950647	
Application Number:	15898594	
Application Number:	15898602	
Application Number:	15898599	
Application Number:	15872502	
Application Number:	15939749	
Application Number:	15937372	
Application Number:	15286865	

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Property Type	Number
Application Number:	15580504
Application Number:	15738331
Application Number:	15738521
Application Number:	15736218
Application Number:	15928894
Application Number:	15862113
Application Number:	15906394
Application Number:	15946756
Application Number:	15735744
Application Number:	15911810
Application Number:	15718982
Application Number:	15783308
Application Number:	15782516
Application Number:	15951303
Application Number:	15714618
Application Number:	15879854
Application Number:	15494611
Application Number:	15622860
Application Number:	15496123
Application Number:	15437525
Application Number:	15485703
Application Number:	15305855
Application Number:	15405897
Application Number:	15314231
Application Number:	15914415
Application Number:	15573078
Application Number:	15619083
Application Number:	15695113
Application Number:	15585208
Application Number:	15288933
Application Number:	15288895
Application Number:	15495140
Application Number:	15584151
Application Number:	15485856
Application Number:	15485797
Application Number:	15626591
Application Number:	15437579
Application Number:	15625099

Property Type	Number
Application Number:	15499258
Application Number:	15458582
Application Number:	15301642
Application Number:	15129291
Application Number:	15129256
Application Number:	15302933
Application Number:	15499338
Application Number:	15451607
Application Number:	15128311
Application Number:	15302906
Application Number:	15714494
Application Number:	15306009
Application Number:	14423508

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	2012P00956WOUS
NAME OF SUBMITTER:	ROBERT K SMOLIK
SIGNATURE:	/Robert K Smolik/
DATE SIGNED:	07/21/2020

Total Attachments: 6

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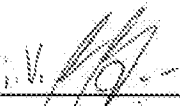
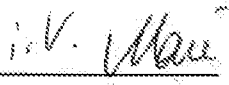
WHEREAS, Continental Automotive GmbH, ("Assignor"), a corporation of Germany, organized and existing under the laws of Germany and having its principal place of business in Hannover, Germany, is the owner of the patent applications listed in Schedule "A" attached hereto (collectively, the "Patent Applications") and the inventions and improvements ("Inventions") described therein; and

WHEREAS, Vitesco Technologies GmbH ("Assignee"), a corporation of Germany, organized and existing under the laws of Germany and having its principal place of business in Hannover, Germany, is desirous of acquiring from Assignor its whole right, title and interest in and to the Patent Applications and the Inventions described therein;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the parties hereto, Assignor hereby sells, assigns and transfers, unto Assignee and its successors, assigns, and legal representatives, the exclusive right, title and interest in and for the United States, in and to any Inventions disclosed in the Patent Applications, and in and to said Patent Applications and all divisional, continuation, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said Inventions; and in and to all original and reissued patents which shall be issued in the United States on said Inventions; and hereby authorizes and requests the Commissioner of Patents of the United States to issue Letters Patent upon the Patent Applications, division, extension, continuation or reissue, to Assignee, for the sole use and benefit of Assignee, its successors, assigns and legal representatives, to the full end of the term for which any Letters Patent may be granted, the same as they would have been held and enjoyed by Assignor had this assignment not been made.

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be executed by its respective duly authorized representative as of June 1st, 2020.

Continental Automotive GmbH

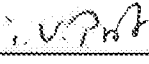
By:  

Name: Bonn

Maier

Title: both authorized officers

Vitesco Technologies GmbH

By:  

Name: Waldmann

Post

Title: both authorized officers

Schedule A

No	Internal file number	Title	Filing date	Application number	Grant date	Grant number	Applicant
1	2017P00579 US	Liquid collection and evaporation device	12.04.2018	15/951,326	06.08.2019	US10371427	Continental Automotive GmbH
2	2016P05830 US	Solenoid Valve for a Fuel Injection System, and High Pressure Fuel Pump	29.12.2017	15/857,662	07.05.2019	US10280888	Continental Automotive GmbH
3	2016P02546 US	Electric exhaust-gas catalytic converter, vehicle and method for operating an electric exhaust-gas catalytic converter	18.07.2017	15/652,405	30.04.2019	US10273846	Continental Automotive GmbH
4	2016P02006 US	A fuel rail assembly for an internal combustion engine	09.05.2017	15/590,500	08.10.2019	US10436163	Continental Automotive GmbH
5	2016P01106 US	Valve assembly for an injection valve and injection valve	22.06.2017	15/630,403	04.06.2019	US10309360	Continental Automotive GmbH
6	2016P01053 US	A fuel injection assembly for an internal combustion engine	28.07.2017	15/663,090	26.11.2019	US10487786	Continental Automotive GmbH
7	2016P00945 US	Method for Operating an Oxygen Sensor, Computer Program Product and oxygen Sensor	12.06.2017	15/619,655	27.08.2019	US10393717	Continental Automotive GmbH
8	2015P06466 US	Valve assembly for an injection valve and injection valve	30.06.2017	15/638,617	04.02.2020	US10550809	Continental Automotive GmbH
9	2015P05246 US	Fuel delivery assembly for an internal combustion engine	15.05.2017	15/595,166	23.04.2019	US10267280	Continental Automotive GmbH
10	2015P04921 US	Circuit Arrangement for Charging and Discharging a Piezo Actuator	06.03.2017	15/451,027	28.04.2020	US10636956	Continental Automotive GmbH
11	2015P04809WOUS	PUMP DEVICE AND FUEL SUPPLY DEVICE FOR AN INTERNAL COMBUSTION ENGINE AND MIXING DEVICE, IN PARTICULAR FOR A MOTOR VEHICLE	20.09.2016	15/945,115	17.03.2020	US10590900	Continental Automotive GmbH
12	2015P04298WOUS	CONTROL METHOD FOR CONTROLLING A FUEL INJECTION SYSTEM, AND FUEL INJECTION SYSTEM	14.04.2016	15/753,042	02.07.2019	US10337439	Continental Automotive GmbH
13	2015P04292WOUS	DETECTING A PREDETERMINED OPENING STATE OF A FUEL INJECTOR HAVING A SOLENOID DRIVE	20.09.2016	15/950,647	29.10.2019	US10458359	Continental Automotive GmbH

14	2015P04181WOUS	METHOD FOR MOUNTING A ROLLING BEARING UNIT ON THE ROTOR OF A TURBOCHARGER	30.06.2016	15/898,594	22.10.2019	US10451107	Continental Automotive GmbH
15	2015P03890WOUS	COOLING SYSTEM FOR AN ELECTRIC MACHINE	27.07.2016	15/898,602	31.12.2019	US10523084	Continental Automotive GmbH
16	2015P03887WOUS	ROTOR FOR A PERMANENT-MAGNET EXCITED ELECTRICAL MACHINE	27.07.2016	15/898,599	31.03.2020	US10608485	Continental Automotive GmbH
17	2015P03848WOUS	FUEL DELIVERY PUMP	04.07.2016	15/872,502	25.06.2019	US10330108	Continental Automotive GmbH
18	2015P03799WOUS	ELECTROMAGNETIC ACTUATOR, ELECTROMAGNETIC VALVE AND HIGH-PRESSURE FUEL PUMP	15.09.2016	15/939,749	24.03.2020	US10598141	Continental Automotive GmbH
19	2015P03554WOUS	PRECISE DETERMINING OF THE INJECTION QUANTITY OF FUEL INJECTORS	10.10.2016	15/937,372	31.03.2020	US10605191	Continental Automotive GmbH
20	2015P02972 US	Fuel Rail Assembly	06.10.2016	15/286,865	05.02.2019	US10197031	Continental Automotive GmbH
21	2015P02627WOUS	METHOD FOR DETERMINING A REFERENCE CURRENT VALUE FOR ACTUATING A FUEL INJECTOR	14.04.2016	15/580,504	13.08.2019	US10378475	Continental Automotive GmbH
22	2015P02625WOUS	PRECISE DETERMINATION OF THE ELECTRICAL RESISTANCE OF A FUEL INJECTOR HAVING A SOLENOID DRIVE	14.04.2016	15/738,331	28.04.2020	US10634106	Continental Automotive GmbH
23	2015P02577WOUS	METHOD AND DEVICE FOR ACTUATING A PIEZO ACTUATOR OF AN INJECTION VALVE OF A FUEL INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE	15.06.2016	15/738,521	14.04.2020	US10619583	Continental Automotive GmbH
24	2015P02425WOUS	METHOD AND DEVICE FOR DETERMINING THE MINIMUM HYDRAULIC INJECTING DISTANCE OF A PIEZO SERVO INJECTOR	13.06.2016	15/736,218	19.03.2019	US10233858	Continental Automotive GmbH
25	2015P02121WOUS	TURBINE FOR AN EXHAUST TURBOCHARGER	22.08.2016	15/928,894	24.03.2020	US10598083	Continental Automotive GmbH
26	2015P02025WOUS	LAYER PACKET CONTACTING FOR ELECTRICALLY HEATABLE HONEYCOMB BODY	29.06.2016	15/862,113	30.07.2019	US10364721	Continental Automotive GmbH
27	2015P02009WOUS	ELECTRONIC DEVICE HAVING A HOUSING WITH A CIRCUIT BOARD PROVIDED THEREIN	22.08.2016	15/906,394	02.07.2019	US10342152	Continental Automotive GmbH

28	2015P01578WOUS	METHOD AND DEVICE FOR OPERATING AN INTERNAL COMBUSTION ENGINE	19.09.2016	15/946,756	26.02.2019	US10215113	Continental Automotive GmbH
29	2015P01571WOUS	HIGH-PRESSURE FUEL PUMP	02.06.2016	15/735,744	12.03.2019	US10227959	Continental Automotive GmbH
30	2015P01551WOUS	COOLING DEVICE, METHOD FOR PRODUCING A COOLING DEVICE AND POWER CIRCUIT	08.08.2016	15/911,810	30.07.2019	US10366937	Continental Automotive GmbH
31	2015P01320WOUS	Method for operating a probe	24.03.2016	15/718,982	27.08.2019	US10393713	Continental Automotive GmbH
32	2015P01278WOUS	DETERMINING A LIFT OF A SOLENOID VALVE	13.04.2016	15/783,308	18.02.2020	US10563633	Continental Automotive GmbH
33	2015P01276WOUS	CONTROLLING A FUEL INJECTION SOLENOID VALVE	13.04.2016	15/782,516	14.01.2020	US10533511	Continental Automotive GmbH
34	2015P00692WOUS	DELIVERY DEVICE FOR A MOTOR VEHICLE	07.09.2016	15/951,303	28.04.2020	US10634235	Continental Automotive GmbH
35	2015P00480WOUS	HIGH-PRESSURE INJECTION DEVICE FOR AN INTERNAL COMBUSTION ENGINE	04.02.2016	15/714,618	18.09.2018	US10077734	Continental Automotive GmbH
36	2015P00260WOUS	INTEGRATED CIRCUIT FOR OPERATING ON A BUS, AND METHOD FOR OPERATING THE INTEGRATED CIRCUIT	15.06.2016	15/879,854	27.08.2019	US10394748	Continental Automotive GmbH
37	2014P07041WOUS	HONEYCOMB BODY WITH AN ELECTRIC HEATING DEVICE	23.10.2015	15/494,611	15.10.2019	US10443467	Continental Automotive GmbH
38	2014P07040WOUS	TANK DEVICE FOR AN AQUEOUS UREA SOLUTION AND METHOD FOR REDUCING ICE PRESSURE IN A TANK DEVICE	14.12.2015	15/622,860	25.12.2018	US10161279	Continental Automotive GmbH
39	2014P07038WOUS	CONVEYOR UNIT FOR CONVEYING A LIQUID	21.10.2015	15/496,123	23.04.2019	US10267195	Continental Automotive GmbH
40	2014P07037WOUS	Tank for an operating liquid for a motor vehicle	06.08.2015	15/437,525	28.05.2019	US10301994	Continental Automotive GmbH
41	2014P07036WOUS	SUPPORTING STRUCTURE, DEVICE FOR TREATING EXHAUST GASES, AND METHOD FOR THE PRODUCTION THEREOF	15.10.2015	15/485,703	12.03.2019	US10227905	Continental Automotive GmbH
42	2014P07033WOUS	METHOD FOR INFLUENCING A FLUID FLOW	23.04.2015	15/305,855	25.12.2018	US10161280	Continental Automotive GmbH
43	2014P07032WOUS	METHOD FOR DETERMINING THE FILL STATE IN A TANK	13.07.2015	15/405,897	20.08.2019	US10386221	Continental Automotive GmbH
44	2014P07031WOUS	METHOD FOR CHECKING THE FUNCTION OF AT LEAST ONE PTC HEATING ELEMENT	02.06.2015	15/314,231	17.03.2020	US10590821	Continental Automotive GmbH

45	2014P06637WOUS	METHOD FOR PRODUCING AN ELECTRO-OPTICAL INTERFACE, ELECTRO-OPTICAL INTERFACE, AND CONTROL UNIT	24.08.2016	15/914,415	15.01.2019	US10180550	Continental Automotive GmbH
46	2014P06608WOUS	High-pressure connection device, high-pressure fuel pump, and method for producing a high-pressure connection device for a high-pressure fuel pump	05.04.2016	15/573,078	19.11.2019	US10480468	Continental Automotive GmbH
47	2014P05850WOUS	Valve arrangement and a high pressure pump for a fuel injection system of an internal combustion engine	26.11.2015	15/619,083	15.10.2019	US10443555	Continental Automotive GmbH
48	2014P05579WOUS	Electric machine comprising a baffle	26.02.2016	15/695,113	22.01.2019	US10186936	Continental Automotive GmbH
49	2014P05400WOUS	Container System for a Fluid and Method for Producing Same	10.11.2015	15/585,208	27.08.2019	US10393567	Continental Automotive GmbH
50	2014P05283 US	Fuel injector	07.10.2016	15/288,933	17.07.2018	US10024273	Continental Automotive GmbH
51	2014P05179 US	Fluid injector, combustion engine and method for operating a combustion engine	07.10.2016	15/288,895	31.07.2018	US10036352	Continental Automotive GmbH
52	2014P05027WOUS	Electrically driven pump	21.10.2015	15/495,140	18.06.2019	US10323649	Continental Automotive GmbH
53	2014P05015WOUS	SEALING SYSTEM AND EXHAUST GAS RECIRCULATION VALVE COMPRISING SAME	09.11.2015	15/584,151	13.08.2019	US10378489	Continental Automotive GmbH
54	2014P04719WOUS	Valve assembly and fluid injector	10.08.2015	15/485,856	13.08.2019	US10378498	Continental Automotive GmbH
55	2014P04269WOUS	Injector for injecting fluid	16.09.2015	15/485,797	25.06.2019	US10330062	Continental Automotive GmbH
56	2014P04126WOUS	Method and Device for Welding Wire Segment Pairs	14.10.2015	15/626,591	04.06.2019	US10312777	Continental Automotive GmbH
57	2014P02890WOUS	Valve core for electronic valve and electronic valve comprising the valve core	07.08.2015	15/437,579	10.03.2020	US10584802	Continental Automotive GmbH
58	2014P01848WOUS	Method and Device for Detecting Auto-ignitions in a Spark Ignition Internal Combustion Engine	05.11.2015	15/625,099	28.08.2018	US10060376	Continental Automotive GmbH
59	2014P00908WOUS	LINEAR ACTUATOR	02.11.2015	15/499,258	14.04.2020	US10619604	Continental Automotive GmbH
60	2014P00810WOUS	Arrangement with circuit carrier for an electronic device	27.08.2015	15/458,582	19.02.2019	US10211550	Continental Automotive GmbH
61	2014P00805WOUS	METHOD AND APPARATUS FOR MONITORING THE TEMPERATURE OF THE COIL WIRE OF A SOLENOID VALVE	12.03.2015	15/301,642	07.05.2019	US10280861	Continental Automotive GmbH

62	2014P00725WOUS	METHOD AND DEVICE FOR DETECTING THE COMMENCEMENT OF OPENING OF A NOZZLE NEEDLE	05.03.2015	15/129,291	08.01.2019	US10174701	Continental Automotive GmbH
63	2014P00724WOUS	Method And Device For Operating A Pressure Reservoir In Particular For Common Rail Injection Systems In Automobile Engineering	05.03.2015	15/129,256	11.12.2018	US10151267	Continental Automotive GmbH
64	2014P00722WOUS	PRESSURE ACCUMULATOR DEVICE FOR A MOTOR VEHICLE FUEL INJECTION SYSTEM, AND METHOD FOR OPERATING A PRESSURE ACCUMULATOR DEVICE OF SAID TYPE	05.03.2015	15/302,933	12.11.2019	US10473050	Continental Automotive GmbH
65	2014P00698WOUS	POSITIVE DISPLACEMENT PUMP	02.11.2015	15/499,338	22.10.2019	US10451060	Continental Automotive GmbH
66	2014P00211WOUS	METHOD FOR WINDING A PLURALITY OF COIL BODIES AND SEGMENTED SPINDLE Device And Method For Monitoring An Electrical Insulation	14.09.2015	15/451,607	21.04.2020	US10630154	Continental Automotive GmbH
67	2013P03736WOUS	In A Vehicle Electrical System	25.03.2015	15/128,311	20.08.2019	US10384545	Continental Automotive GmbH
68	2013P03156WOUS	Pressure Compensation Element Having Spring Element Casing And Electronic Control Device	24.03.2015	15/302,906	12.11.2019	US10477714	Continental Automotive GmbH
69	2013P03155WOUS	Electronic control unit with a housing stabilizing element and housing for electronic control unit	21.03.2016	15/714,494	26.03.2019	US10244645	Continental Automotive GmbH
70	2013P01145WOUS	Method For Producing A Winding Of An Electric Machine	25.03.2015	15/306,009	27.08.2019	US10396639	Continental Automotive GmbH
71	2012P00956WOUS	A fuel guiderail assembly and an internal damper holder used for the fuel guiderail assembly	26.08.2013	14/423,508	08.05.2018	US9964084	Continental Automotive GmbH