

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5552597

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
VOLKSWAGEN AG		04/25/2019
RECEIVING PARTY DATA		
Name:	AUDI AG	
Street Address:	INGOLSTADT	
City:	INGOLSTADT	
State/Country:	GERMANY	
Postal Code:	85045	
PROPERTY NUMBERS Total: 27		
Property Type	Number	
Application Number:	15454933	
Application Number:	15454929	
Application Number:	15456389	
Application Number:	15592130	
Application Number:	15615689	
Application Number:	15547046	
Application Number:	15541346	
Application Number:	15716215	
Application Number:	15821518	
Application Number:	15821057	
Application Number:	15821476	
Application Number:	15852824	
Application Number:	15866427	
Application Number:	15748596	
Application Number:	15748602	
Application Number:	15746769	
Application Number:	15889911	
Application Number:	15751378	
Application Number:	15751803	
Application Number:	15751373	

PATENT

Property Type	Number
Application Number:	15751420
Application Number:	15755429
Application Number:	15769300
Application Number:	15770704
Application Number:	15775803
Application Number:	16062032
Application Number:	16072160

CORRESPONDENCE DATA

Fax Number: (206)682-6031

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NAME OF SUBMITTER:	HAYLEY TALBERT
SIGNATURE:	/Hayley J. Talbert/
DATE SIGNED:	06/03/2019

Total Attachments: 6

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ASSIGNMENT

WHEREAS, VOLKSWAGEN AG ("VW"), a corporation of Germany having a place of business at Berliner Ring 2, Wolfsburg, Germany 38440, and is the owner of the inventions as described and claimed in the specification for each of the patent applications listed on the attached Schedule ("the Intellectual Property");

WHEREAS, AUDI AG ("Audi"), a corporation of Germany having a place of business at Ingolstadt, Germany 85045;

WHEREAS, VW and Audi desire to be co-applicants and co-owners in and to these inventions and the Intellectual Property;

WHEREAS, VW agrees to sell, assign, transfer and convey to Audi shares of VW's right, title, and interest in and to these inventions and the Intellectual Property, so that both VW and Audi have a shared undivided right, title and interest in and to these inventions and in and to any letters patents that may be granted therefor in any and all countries;

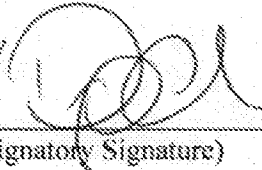
NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, VW hereby confirms the sale, assignment and transfer to Audi of an undivided, shared right, title and interest in and to said inventions and the Intellectual Property, and any and all letters patents which may be granted for said inventions in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, and including the right to sue and collect damages for past and present infringement of said letters patent; said inventions, applications, and all letters patents on said inventions to be held and enjoyed by VW and Audi, as co-applicants and co-owners, and their successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by VW had this assignment, transfer and sale not been made. VW hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patents on said inventions to VW and AUDI. VW and Audi agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said inventions, for litigation regarding said letters patents, or for the purpose of protecting title to said inventions or letters patent therefor.

VOLKSWAGEN AG

25.04.2019

Date

LV



(Signatory Signature)

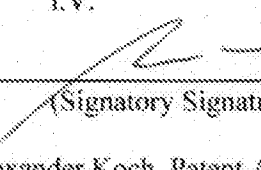
Hannes Dussenpond, European Patent Attorney

(Assignor Signatory Name, Title)

i.V.

25.04.2019

Date



(Signatory Signature)

Alexander Koch, Patent Attorney

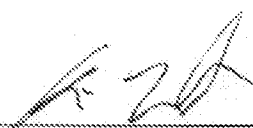
(Assignor Signatory Name, Title)

Acknowledged and accepted by:

AUDI AG

2014-05-20

Date

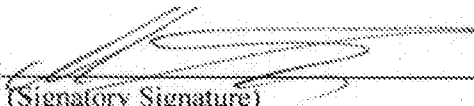

(Signatory Signature)

Kai Brandt, Director

(Assignee Signatory Name, Title)

2019-05-17

Date


(Signatory Signature)

Michael Fritze, Patents Fuel Cell

(Assignee Signatory Name, Title)

SCHEDULE 1
Volkswagen AG / Audi AG

US Application No.	Priority Date	US Filing Date	Title	PCT Application	DE Priority No.
15/454923	March 8, 2016	March 8, 2017	BODY STRUCTURE ELEMENT FOR A VEHICLE WITH INTEGRATED HUMIDIFIER	N/A	10 2016 203 880 7
15/454929	March 8, 2016	March 8, 2017	FUEL CELL SYSTEM AND METHOD FOR OPERATING A FUEL CELL SYSTEM	N/A	10 2016 203 886 4
15/456389	March 10, 2016	March 10, 2017	SUPPORTED CATALYST MATERIAL FOR A FUEL CELL	N/A	10 2016 203 936 9
15/592130	May 11, 2016	May 10, 2017	FUEL CELL VEHICLE HAVING A PLURALITY OF SELECTABLE OPERATING MODES	N/A	10 2016 208 082 2
15/615689	June 7, 2016	June 6, 2017	METHOD FOR STARTING A FUEL CELL SYSTEM AND A FUEL CELL SYSTEM	N/A	10 2016 110 451 5
15/47046	Jan 29, 2016	July 27, 2017	METHOD FOR PRODUCING A CATALYTICALLY COATED MEMBRANE AND MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL STACK HAVING SAME	PCTEP2016/051501	10 2016 201 548 3
15/541346	Jan 5, 2015	June 30, 2017	FUEL CELL HAVING A PROJECTING BIPOLAR PLATE	PCTEP2015/079882	10 2015 280 028 1
15/715215	Sep 29, 2016	09/26, 2017	ELECTRICAL CONTACT DEVICE FOR A FUEL CELL STACK	N/A	10 2016 118 511 8
15/621518	Nov 23, 2016	Nov 22, 2017	POLAR PLATE ASSEMBLY FOR A FUEL CELL AND AN INDIVIDUAL CELL	N/A	10 2016 132 587 8
15/621867	Nov 22, 2016	Nov 22, 2017	PRESSING DEVICE FOR PRESSING A FUEL CELL STACK AND FUEL CELL DEVICE WITH PRESSING DEVICE	N/A	10 2016 132 442 1
15/621476	Nov 23, 2016	Nov 22, 2017	POLAR PLATE FOR A FUEL CELL AND FUEL CELL STACK	N/A	10 2016 132 590 8

SCHEDULE 1
Volkswagen AG / Audi AG

US Application No.	Priority Date	US Filing Date	Title	PCT Application	DE Priority No.
15/852824	Dec 22, 2016	Dec 22, 2017	SEPARATOR PLATE, MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL	N/A	10 2016 125 355.3
15/866427	Jan 10, 2017	Jan 9, 2018	HYDROGEN STORAGE TANK AND FUEL CELL SYSTEM AS WELL AS MOTOR VEHICLE HAVING SUCH A HYDROGEN STORAGE TANK AND FUEL CELL SYSTEM	N/A	10 2017 100 381.4
15/748596	Jul 30, 2015	Jan 29, 2018	MEMBRANE FOR A MEMBRANE-ELECTRODE UNIT OF A FUEL CELL AND PRODUCTION METHOD	PCT/EP2016/067431	10 2015 214 520.4
15/748602	Jul 30, 2015	Jan 29, 2018	BIPOLAR PLATE AND MEMBRANE ELECTRODE UNIT FOR A FUEL CELL ARRANGED IN A FUEL CELL STACK, FUEL CELL AND FUEL CELL STACK	PCT/EP2016/067423	10 2015 214 517.4
15/746769	Jul 23, 2015	Jan 22, 2018	FUEL CELL AND FUEL CELL STACK	PCT/EP2016/067399	10 2015 213 950.6
15/869811	Feb 7, 2017	Feb 6, 2018	METHOD OF OPERATING A FUEL CELL SYSTEM AND ADJUSTING A RELATIVE HUMIDITY OF A CATHODE OPERATING GAS DURING A HEATING PHASE	N/A	10 2017 102 354.2
15/751378	Aug 10, 2015	Feb 8, 2018	BIPOLAR PLATE AND A FUEL CELL STACK COMPRISING SAME	PCT/EP2016/069023	10 2015 215 231.8
15/751803	Aug 10, 2015	Feb 9, 2018	FUEL CELL STACK HAVING AN INTERNAL PARTICLE RETENTION FUNCTION AND VEHICLE HAVING SUCH A FUEL CELL STACK	PCT/EP2016/069024	10 2015 215 201.4
15/751373	Aug 12, 2015	Feb 8, 2018	MEMBRANE ELECTRODE ASSEMBLY FOR A FUEL CELL AND FUEL CELL	PCT/EP2016/069028	10 2015 215 381.9
15/751420	Aug 13, 2015	Feb 8, 2018	VARIABLELY SEGMENTED FUEL CELL STACK AND FUEL CELL SYSTEM AND VEHICLE COMPRISING SAME	PCT/EP2016/069027	10 2015 215 497.1
15/755429	Aug 28, 2015	Feb 26, 2018	COOLING SYSTEM FOR A FUEL CELL AND A FUEL CELL SYSTEM	PCT/EP2016/069957	10 2015 216 513.2

SCHEDULE 1
Volkswagen AG / Audi AG

US Application No.	Priority Date	US Filing Date	Title	PCT Application	DE Priority No.
15/763300	Oct 22, 2015	Apr 16, 2018	ARRANGEMENT FOR A CATHODE RECIRCULATION IN A FUEL CELL AND METHOD FOR CATHODE RECIRCULATION	PCT/EP2016/075051	10 2015 220 541.6
15/770704	Oct 29, 2015	Apr 24, 2018	METHOD FOR PRODUCING A MEMBRANE ELECTRODE ASSEMBLY AND MEMBRANE ELECTRODE ASSEMBLY	PCT/EP2016/075071	10 2015 221 158.4
15/775503	Nov 18, 2015	May 11, 2018	FUEL CELL STACK HAVING BIPOLAR PLATES, AND FUEL CELL SYSTEM	PCT/EP2016/077616	10 2015 222 552.6
16/062032	Dec 17, 2015	June 13, 2018	HUMIDIFIER HAVING AN INTEGRATED WATER SEPARATOR FOR A FUEL CELL SYSTEM, FUEL CELL SYSTEM AND VEHICLE COMPRISING SAME	PCT/EP2016/080244	10 2015 122 144.6
16/072160	Jan 28, 2016	July 23, 2018	METHOD FOR DETERMINING A CONTENT OF A GAS COMPONENT IN A GAS MIXTURE CONVEYED IN A RECIRCULATING MANNER VIA A FUEL CELL	PCT/EP2017/051475	10 2016 230 265.7