

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7485718

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
FARADAY&FUTURE INC.	08/14/2022

RECEIVING PARTY DATA

Name:	FF SIMPLICITY VENTURES LLC
Street Address:	17 STATE STREET
Internal Address:	SUITE 2100
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10004

PROPERTY NUMBERS Total: 234

Property Type	Number
Patent Number:	11378954
Patent Number:	11376939
Patent Number:	11358444
Patent Number:	11333744
Patent Number:	11279217
Patent Number:	11237217
Patent Number:	11225822
Patent Number:	11201378
Patent Number:	11199613
Patent Number:	11125003
Patent Number:	11117534
Patent Number:	11117527
Patent Number:	11117517
Patent Number:	11109308
Patent Number:	11105639
Patent Number:	11092695
Patent Number:	11054479
Patent Number:	11031643
Patent Number:	10946312

PATENT

Property Type	Number
Patent Number:	10888950
Patent Number:	10867723
Patent Number:	10829978
Patent Number:	10826042
Patent Number:	10790688
Patent Number:	10776636
Patent Number:	10732297
Patent Number:	10705534
Patent Number:	10700629
Patent Number:	10699596
Patent Number:	10699136
Patent Number:	10644571
Patent Number:	10619396
Patent Number:	10597035
Patent Number:	10581123
Patent Number:	10532634
Patent Number:	10527440
Patent Number:	10508928
Patent Number:	10491734
Patent Number:	10448150
Patent Number:	10436845
Patent Number:	10427539
Patent Number:	10421362
Patent Number:	10414235
Patent Number:	10407004
Patent Number:	10326326
Patent Number:	10320207
Patent Number:	10318795
Patent Number:	10315665
Patent Number:	10315578
Patent Number:	10300948
Patent Number:	10294699
Patent Number:	10259337
Patent Number:	D843288
Patent Number:	10217363
Patent Number:	10206015
Patent Number:	10189452
Patent Number:	10183590

Property Type	Number
Patent Number:	10171478
Patent Number:	10153524
Patent Number:	10147257
Patent Number:	10144466
Patent Number:	10144408
Patent Number:	10135355
Patent Number:	10126344
Patent Number:	10112581
Patent Number:	10112563
Patent Number:	10112502
Patent Number:	10101775
Patent Number:	10078024
Patent Number:	10077052
Patent Number:	10071645
Patent Number:	10066947
Patent Number:	10062229
Patent Number:	10042432
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Patent Number:	10025317
Patent Number:	10023056
Patent Number:	10000157
Patent Number:	9995535
Patent Number:	9963020
Patent Number:	9942522
Patent Number:	9919615
Patent Number:	9917495
Patent Number:	9869119
Patent Number:	9827875
Patent Number:	9817050
Patent Number:	9796390
Patent Number:	9768719
Patent Number:	9762146
Patent Number:	9742251
Patent Number:	9738220
Patent Number:	9692096
Patent Number:	9692095
Patent Number:	D788000
Patent Number:	D787999

Property Type	Number
Patent Number:	D787994
Patent Number:	9595790
Patent Number:	9595705
Patent Number:	9592738
Patent Number:	9481254
Patent Number:	11108100
Patent Number:	10569799
Patent Number:	10074274
Patent Number:	11258104
Patent Number:	10179568
Patent Number:	D808302
Patent Number:	10852741
Patent Number:	11198446
Patent Number:	D823432
Patent Number:	10131381
Patent Number:	10505423
Patent Number:	9783078
Patent Number:	D839882
Patent Number:	10326378
Patent Number:	D824832
Patent Number:	D782384
Patent Number:	10606276
Patent Number:	9932074
Patent Number:	10283752
Patent Number:	D819658
Patent Number:	D814353
Patent Number:	11137763
Patent Number:	10211690
Patent Number:	10826140
Patent Number:	11023515
Patent Number:	D824831
Patent Number:	10227017
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Patent Number:	9884585
Patent Number:	10318442
Patent Number:	9995536
Patent Number:	D791074
Patent Number:	10286793

Property Type	Number
Patent Number:	10203408
Patent Number:	11261642
Patent Number:	10505163
Patent Number:	9669712
Patent Number:	11294060
Patent Number:	10442306
Patent Number:	D801857
Patent Number:	D812077
Patent Number:	10218043
Patent Number:	10449867
Patent Number:	10647237
Patent Number:	10005410
Patent Number:	9691190
Patent Number:	D890027
Patent Number:	10084399
Patent Number:	10585828
Patent Number:	10852725
Patent Number:	D823206
Patent Number:	10112485
Patent Number:	10272748
Patent Number:	10186089
Patent Number:	10705220
Patent Number:	10525892
Patent Number:	10901422
Patent Number:	D808675
Patent Number:	10407968
Patent Number:	9830757
Patent Number:	10247087
Patent Number:	9784768
Patent Number:	10739441
Patent Number:	11299049
Patent Number:	11126195
Patent Number:	10406923
Patent Number:	10076962
Patent Number:	10826364
Patent Number:	D791073
Patent Number:	9912225
Patent Number:	10416682

Property Type	Number
Patent Number:	9722518
Patent Number:	10811740
Patent Number:	10647294
Patent Number:	D862342
Patent Number:	10421367
Patent Number:	10693335
Patent Number:	10183557
Patent Number:	9948044
Patent Number:	10538170
Patent Number:	D791075
Patent Number:	10647302
Patent Number:	9762164
Patent Number:	10467429
Patent Number:	10865591
Patent Number:	D824309
Patent Number:	10150453
Patent Number:	10744879
Patent Number:	10322721
Patent Number:	D800037
Patent Number:	10622870
Patent Number:	10761530
Patent Number:	D797620
Patent Number:	10253848
Patent Number:	9731606
Patent Number:	D838280
Patent Number:	10887127
Patent Number:	10012499
Patent Number:	D782087
Patent Number:	10196070
Patent Number:	11218080
Patent Number:	11118387
Patent Number:	10132854
Patent Number:	D800635
Patent Number:	9608545
Patent Number:	D781196
Patent Number:	10075010
Patent Number:	11088411
Patent Number:	10843663

Property Type	Number
Patent Number:	10950884
Patent Number:	10621778
Patent Number:	D840331
Patent Number:	11381472
Patent Number:	9241428
Patent Number:	9499141
Patent Number:	9520752
Patent Number:	9525291
Patent Number:	11034268
Application Number:	16092204
Application Number:	16090567
Application Number:	15763606
Application Number:	16097611
Application Number:	15955524
Application Number:	15836720
Application Number:	15691606
Application Number:	15941640
Application Number:	15942317
Application Number:	15679019
Application Number:	16080662
Application Number:	15275573
Application Number:	15859072
Application Number:	16536258
Application Number:	16039189
Application Number:	16073335

CORRESPONDENCE DATA

Fax Number: (215)832-5619
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: 2155695619
Email: timothy.pecsenye@blankrome.com
Correspondent Name: TIMOTHY D. PECSENYE (164136-01000)
Address Line 1: ONE LOGAN SQUARE
Address Line 2: 8TH FLOOR
Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	164136-01000
NAME OF SUBMITTER:	TIMOTHY D. PECSENYE
SIGNATURE:	/Timothy D. Pecszenye/

DATE SIGNED:

08/15/2022

Total Attachments: 22

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PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT (the “**Agreement**”) made as of this 14th day of August, 2022, by Faraday&Future Inc., a California corporation (“**Grantor**”), in favor of FF Simplicity Ventures LLC in its capacity as Agent for the Purchasers party to the Securities Purchase Agreement (defined below) (“**Grantee**”):

WITNESSETH

WHEREAS, Grantor, one or more of its affiliates, including Faraday Future Intelligent Electric Inc., a Delaware corporation (“**Issuer**”), Grantee and the Purchasers identified therein are parties to that certain Securities Purchase Agreement, dated as of August 14, 2022 (as the same may be amended, restated, supplemented or otherwise modified from time to time, the “**Securities Purchase Agreement**”), providing for extensions of credit to be made to Issuer by Grantee and Purchasers; and

WHEREAS, pursuant to the terms of that certain Guarantee and Collateral Agreement, dated as of August 14, 2022, among Grantor, one or more of its affiliates and Grantee (as the same may be amended, amended and restated, supplemented or otherwise modified from time to time, the “**Collateral Agreement**”), Grantor has granted to Grantee, for the benefit of Secured Parties, a security interest in substantially all of the assets of Grantor including all right, title and interest of Grantor in, to and under all now owned and hereafter acquired Patents (as defined in the Collateral Agreement), and all products and proceeds thereof, to secure payment and performance of the Obligations;

NOW, THEREFORE, in consideration of the premises set forth herein and for other good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, Grantor agrees as follows:

1. Incorporation of Securities Purchase Agreement and Collateral Agreement. The Securities Purchase Agreement and Collateral Agreement and the terms and provisions thereof are hereby incorporated herein in their entirety by this reference thereto. All terms capitalized but not otherwise defined herein shall have the same meanings herein as in the Collateral Agreement.

2. Grant and Reaffirmation of Grant of Security Interests. To secure payment and performance of the Obligations, Grantor hereby grants to Grantee, for the benefit of Secured Parties, and hereby reaffirms its prior grant pursuant to the Collateral Agreement of, a continuing security interest in Grantor’s entire right, title and interest in and to the following (all of the following items or types of property being herein collectively referred to as the “**Patent Collateral**”), whether now owned or existing and hereafter created, acquired or arising:

- (i) each Patent and application for Patent owned by Grantor listed on Schedule 1 annexed hereto, together with any reissues, continuations or extensions thereof; and
- (ii) all products and proceeds of the foregoing, including any claim by Grantor against third parties for past, present or future infringement of any Patent owned by Grantor.

3. Termination. At such time as the Obligations have been Paid in Full, the security interest granted hereby shall automatically terminate hereunder and of record and all rights to the Patent Collateral shall revert to Grantor. Upon any such termination the Grantee shall, at Grantor’s expense, promptly execute and deliver to Grantor such documents as Grantor shall reasonably request to evidence such termination.

4. GOVERNING LAW. THIS AGREEMENT SHALL BE GOVERNED BY, AND SHALL BE CONSTRUED AND ENFORCED IN ACCORDANCE WITH THE LAWS OF THE STATE OF NEW YORK, WITHOUT REGARD TO CONFLICTS OF LAW PRINCIPLES.

[signature page follows]

IN WITNESS WHEREOF, Grantor has duly executed this Agreement as of the date first above written.

FARADAY&FUTURE INC.

DocuSigned by:

Sue Swenson


By: _____
66E0AE3907CF43B...

Name: Susan Gail Swenson

Title: Executive Chairperson and Authorized Officer

Agreed and Accepted
as of the date first above written:

FF SIMPLICITY VENTURES LLC,
as Agent

By: 
Name: Antonio Ruiz-Gimenez
Title: Managing Member

SCHEDULE 1
Patents

Patent Name	Owner	Reg. Date	Patent No.
MULTI-PROCESSOR SOCC SYSTEM	Faraday&Future Inc.	July 5, 2022	11378954
VEHICULAR SEAL CARRIER SYSTEM	Faraday&Future Inc.	July 5, 2022	11376939
DOOR ENTRY SENSOR	Faraday&Future Inc.	June 14, 2022	11358444
MODIFIED LIDAR HOUSING	Faraday&Future Inc.	May 17, 2022	11333744
SUBFRAME AND SUSPENSION ASSEMBLY	Faraday&Future Inc.	March 22, 2022	11279217
BATTERY CELL FULL LIFE TRACKING SYSTEM	Faraday&Future Inc.	February 1, 2022	11237217
SYSTEM AND METHOD FOR OPENING AND CLOSING VEHICLE DOOR	Faraday&Future Inc.	January 18, 2022	11225822
BATTERY MONITOR PROTECTION RETRACTABLE HOUSING FOR A SENSING SYSTEM AND A METHOD OF USE	Faraday&Future Inc.	December 14, 2021	11201378
SYSTEM AND METHOD FOR CLOSING A DOOR OF A VEHICLE	Faraday&Future Inc.	December 14, 2021	11199613
PRE-ENTRY AUTO-ADJUSTMENT OF VEHICLE SETTINGS	Faraday&Future Inc.	September 21, 2021	11125003
ACTUATOR FOR MOVEABLE SENSOR FOR AUTONOMOUS DRIVING	Faraday&Future Inc.	September 14, 2021	11117534
CAMERA BASED AUTO DRIVE AUTO CHARGE	Faraday&Future Inc.	September 14, 2021	11117527
			11117517

Patent Name	Owner	Reg. Date	Patent No.
CONNECTED VEHICLE BANDWIDTH-BASED NETWORK SELECTION	Faraday&Future Inc.	August 31, 2021	11109308
MAP REFINEMENT USING FEATURE EXTRACTION FROM IMAGES	Faraday&Future Inc.	August 31, 2021	11105639
GEO-FUSION BETWEEN IMAGING DEVICE AND MOBILE DEVICE	Faraday&Future Inc.	August 17, 2021	11092695
BATTERY CELL FULL LIFE TRACKING SYSTEM	Faraday&Future Inc.	July 6, 2021	11054479
SYSTEMS, METHODS, AND APPARATUS FOR OPTIMIZING BATTERY MODULE COOLANT FLUID FLOW	Faraday&Future Inc.	June 8, 2021	11031643
LIGHT-WEIGHT COOLANT BOTTLE SYSTEMS AND METHODS FOR INTEGRATED WELDING OF METAL MATERIALS	Faraday&Future Inc.	March 16, 2021	10946312
LIQUID-COOLED TANGLE RESISTANT CHARGE CABLE	Faraday&Future Inc.	January 12, 2021	10888950
SYSTEM AND METHOD FOR OPERATING VEHICLE DOOR	Faraday&Future Inc.	December 15, 2020	10867723
Current Carrier for Vehicle Energy-Storage Systems	Faraday&Future Inc.	November 10, 2020	10829978
A METHOD FOR MEASURING BATTERY PARAMETERS UNDER DISCHARGE OR CHARGE	Faraday&Future Inc.	November 3, 2020	10826042
STEREO CAMERA-BASED DETECTION OF OBJECTS PROXIMATE TO A VEHICLE	Faraday&Future Inc.	September 29, 2020	10790688
GEO-PAIRING DETECTION	Faraday&Future Inc.	September 15, 2020	10776636
	Faraday&Future Inc.	August 4, 2020	10732297

Patent Name	Owner	Reg. Date	Patent No.
SYSTEM AND METHOD FOR GROUND PLANE DETECTION	Faraday&Future Inc.	July 7, 2020	10705534
OPERATING POINT DETERMINATION IN AN ELECTRIC MOTOR SYSTEM	Faraday&Future Inc.	June 30, 2020	10700629
VEHICLE OPERATOR TRAINING SYSTEM	Faraday&Future Inc.	June 30, 2020	10699596
SYSTEM AND METHOD FOR CAMERA-BASED DETECTION OF OBJECT HEIGHTS PROXIMATE TO A VEHICLE	Faraday&Future Inc.	June 30, 2020	10699136
INTEGRATED DRIVE AND MOTOR ASSEMBLIES	Faraday&Future Inc.	May 5, 2020	10644571
ACTIVE PIVOTING WINDOW REGULATOR SYSTEM	Faraday&Future Inc.	March 25, 2020	10619396
SYSTEMS AND METHODS FOR INTELLIGENTLY CONTROLLING AND DISENGAGING VEHICLE CREEP	Faraday&Future Inc.	March 24, 2020	10597035
BUS BAR AND PCB FOR VEHICLE BATTERY	Faraday&Future Inc.	March 3, 2020	10581123
VEHICLE WINDSCREENS FOR ENHANCED VISIBILITY	Faraday&Future Inc.	January 14, 2020	10532634
VEHICLE ROUTING TO AVOID REGIONS WITH GLARE	Faraday&Future Inc.	January 7, 2020	10527440
ADAPTIVE DOWNLOAD OF MAP INFORMATION	Faraday&Future Inc.	December 17, 2019	10508928
USER-FRIENDLY VEHICLE BLUETOOTH PAIRING SCHEME	Faraday&Future Inc.	November 26, 2019	10491734
METHOD AND APPARATUS TO DETECT AND ISOLATE AUDIO IN A	Faraday&Future Inc.	October 15, 2019	10448150

Patent Name	Owner	Reg. Date	Patent No.
VEHICLE USING MULTIPLE MICROPHONES			
ELECTRIC VEHICLE BATTERY MONITORING SYSTEM	Faraday&Future Inc.	October 8, 2019	10436845
A CONNECTOR ASSEMBLY	Faraday&Future Inc.	October 1, 2019	10427539
REGENERATIVE BRAKING CONTROL METHOD AND SYSTEM	Faraday&Future Inc.	September 24, 2019	10421362
SYSTEM AND METHOD FOR VEHICLE WATER INGRESS PROTECTION	Faraday&Future Inc.	September 17, 2019	10414235
Solid State Switch For Vehicle Energy-Storage Systems	Faraday&Future Inc.	September 10, 2019	10407004
IPM MACHINE WITH SPECIALIZED WINDING FOR AUTOMATIVE ELECTRIC VEHICLES	Faraday&Future Inc.	June 18, 2019	10326326
SYSTEMS AND METHODS FOR INTELLIGENTLY CHARGING BATTERY CELLS	Faraday&Future Inc.	June 11, 2019	10320207
REMOTE CAMERA ACCESS SYSTEM AND METHOD FOR DRIVER PATTERN RECOGNITION, IDENTIFICATION, AND PREDICTION	Faraday&Future Inc.	June 11, 2019	10315665
MODULAR MIRROR ASSEMBLY	Faraday&Future Inc.	June 11, 2019	10315578
Webbing Devices for an Underbody of a Motor Vehicle	Faraday&Future Inc.	May 28, 2019	10300948
ELECTRIC DOOR RELEASE SYSTEM	Faraday&Future Inc.	May 21, 2019	10294699
ELECTRIC VEHICLE BATTERY CHARGE AND DISCHARGE MANAGEMENT	Faraday&Future Inc.	April 16, 2019	10259337

Patent Name	Owner	Reg. Date	Patent No.
VEHICLE DASHBOARD	Faraday&Future Inc.	March 19, 2019	D843288
METHODS AND SYSTEMS FOR ELECTRONICALLY ASSISTED LANE ENTRANCE	Faraday&Future Inc.	February 26, 2019	10217363
SYSTEM AND METHOD FOR VEHICLE DATA COMMUNICATION	Faraday&Future Inc.	February 12, 2019	10206015
SENSOR-TRIGGERING OF FRICTION AND REGENERATIVE BRAKING	Faraday&Future Inc.	January 29, 2019	10189452
ELECTRIC VEHICLE BATTERY MONITORING SYSTEM	Faraday&Future Inc.	January 22, 2019	10183590
EFFICIENT AND SECURE METHOD AND APPARATUS FOR FIRMWARE UPDATE	Faraday&Future Inc.	January 1, 2019	10171478
VEHICLE COOLING SYSTEM USING GRAVITY BASED FLUID FLOW	Faraday&Future Inc.	December 11, 2018	10153524
SYSTEMS AND METHODS FOR USER BASED VEHICLE ACCESS CONTROL	Faraday&Future Inc.	December 4, 2018	10147257
LOW STRESS VEHICLE FRAME MANUFACTURING PROCESS	Faraday&Future Inc.	December 4, 2018	10144466
SYSTEM AND METHOD FOR ASSISTING NAVIGATION OF VEHICLE THROUGH TRAFFIC	Faraday&Future Inc.	December 4, 2018	10144408
Inverter DC Bus Bar Assembly	Faraday&Future Inc.	November 20, 2018	10135355
METHOD FOR MEASURING ELECTRICAL ISOLATION OF A VEHICLE CHASSIS	Faraday&Future Inc.	November 13, 2018	10126344
REMOTE CONTROL SYSTEM FOR A VEHICLE	Faraday&Future Inc.	October 30, 2018	10112581
Tapered Crush Can	Faraday&Future Inc.	October 30, 2018	10112563

Patent Name	Owner	Reg. Date	Patent No.
VEHICLE BATTERY HEATING SYSTEM	Faraday&Future Inc.	October 30, 2018	10112502
AUTOMATIC DISPLAY ADJUSTMENT SYSTEMS AND METHODS	Faraday&Future Inc.	October 16, 2018	10101775
SYSTEMS AND METHODS FOR DETECTION AND PROCESSING OF PRESSURE SIGNALS	Faraday&Future Inc.	September 18, 2018	10078024
STATE-BASED OPERATION FOR AUTONOMOUS VEHICLES	Faraday&Future Inc.	September 18, 2018	10077052
Autonomous Vehicle Charging Station Connection	Faraday&Future Inc.	September 11, 2018	10071645
METHODS AND APPARATUS FOR IMPROVED PRECISION STREET MAPS USING LOW COST SENSORS	Faraday&Future Inc.	September 4, 2018	10066947
INTEGRATED GARAGE DOOR OPENER FOR CONNECTED VEHICLE	Faraday&Future Inc.	August 28, 2018	10062229
PROGRAMMABLE ONBOARD INTERFACE	Faraday&Future Inc.	August 7, 2018	10042432
ULTRASONIC CHARGE PORT DETECTOR	Faraday&Future Inc.	July 18, 2018	10042053
METHODS AND SYSTEMS FOR CAMERA-BASED AUTONOMOUS PARKING	Faraday&Future Inc.	July 17, 2018	10025317
INTEGRATED TRAILER HITCH AND JUMP START SYSTEM	Faraday&Future Inc.	July 17, 2018	10023056
CONTROLLING DIMMING OF MIRRORS OR DISPLAYS USING DUAL-FUNCTION LIGHTING	Faraday&Future Inc.	June 19, 2018	10000157

Patent Name	Owner	Reg. Date	Patent No.
HEAT PIPE FOR VEHICLE ENERGY-STORAGE SYSTEMS	Faraday&Future Inc.	June 12, 2018	99955535
DOOR HINGE AND DOOR HINGE SYSTEM FOR VEHICLE	Faraday&Future Inc.	May 8, 2018	9963020
IN-VEHICLE CAMERA SYSTEM	Faraday&Future Inc.	April 10, 2018	9942522
VOLTAGE GENERATION WITH HIGH MODULATION INDICES IN INVERTER DRIVES	Faraday&Future Inc.	March 20, 2018	9919615
INTERIOR PERMANENT MAGNET MACHINE FOR AUTOMOTIVE ELECTRIC VEHICLES	Faraday&Future Inc.	March 13, 2018	9917495
SYSTEMS AND METHODS FOR OPERATING VEHICLE DOORS	Faraday&Future Inc.	January 16, 2018	9869119
DRIVER VISIBILITY ENHANCING SEAT ADJUSTMENT	Faraday&Future Inc.	November 28, 2017	9827875
DETECTION OF WELDED CONTACTOR USING AC COUPLING	Faraday&Future Inc.	November 14, 2017	9817050
VEHICLE SENSING GRID HAVING DYNAMIC SENSING CELL SIZE	Faraday&Future inc.	October 24, 2017	9796390
METHODS AND APPARATUS FOR GENERATING CURRENT COMMANDS FOR AN INTERIOR PERMANENT MAGNET (IPM) MOTOR	Faraday&Future Inc.	September 19, 2017	9768719
Methods and Systems for Interconnecting Parallel IGBT Modules	Faraday&Future Inc.	September 12, 2017	9762146
INTERIOR PERMANENT MAGNET MACHINE FOR AUTOMOTIVE ELECTRIC VEHICLES	Faraday&Future inc.	August 22, 2017	9742251
STEERING WHEEL HAVING INTEGRATED HORN ACTUATOR	Faraday&Future Inc.	August 22, 2017	9738220

Patent Name	Owner	Reg. Date	Patent No.
AND THE METHOD OF OPERATING THE SAME			
PARTIALLY-SUBMERGED BATTERY CELLS FOR VEHICLE ENERGY-STORAGE SYSTEMS	Faraday&Future Inc.	June 27, 2017	9692096
FULLY-SUBMERGED BATTERY CELLS FOR VEHICLE ENERGY-STORAGE SYSTEMS	Faraday&Future Inc.	June 27, 2017	9692095
VEHICLE INTERIOR	Faraday&Future Inc.	May 30, 2017	D788000
REAR CONToured SEATS	Faraday&Future Inc.	May 30, 2017	D787999
STEERING WHEEL	Faraday&Future Inc.	May 30, 2017	D787994
ELECTRIC VEHICLE CHARGE PORT	Faraday&Future Inc.	March 14, 2017	9595790
ELECTRIC VEHICLE BATTERY	Faraday&Future Inc.	March 14, 2017	9595705
SERIAL COMMUNICATION SAFETY CONTROLLER	Faraday&Future Inc.	March 14, 2017	9592738
SYSTEM AND METHOD FOR IMPROVING ACCELERATION PERFORMANCE OF AN ELECTRIC VEHICLE	Faraday&Future Inc.	November 1, 2016	9481254
BATTERY MODULE FOR VEHICLE ENERGY-STORAGE SYSTEMS	Faraday&Future Inc.	August 31, 2021	11108100
AUTOMATICALLY RETRACTING AND EXTENDING A VEHICLE STERLING WHEEL	Faraday&Future Inc.	February 25, 2020	10569799
EMERGENCY SIGNAL DETECTION AND RESPONSE	Faraday&Future Inc.	September 11, 2018	10074274
VEHICLE ENERGY-STORAGE SYSTEMS	Faraday&Future Inc.	February 22, 2022	11258104
SEAMLESS VEHICLE ACCESS SYSTEM	Faraday&Future Inc.	January 15, 2019	10179568

Patent Name	Owner	Reg. Date	Patent No.
VEHICLE EXTERIOR	Faraday&Future Inc.	January 23, 2018	D808302
USING CAMERAS FOR DETECTING OBJECTS NEAR A VEHICLE	Faraday&Future Inc.	December 1, 2020	10852741
ON-BOARD VEHICLE QUERY SYSTEM	Faraday&Future Inc.	December 14, 2021	11198446
WHEEL	Faraday&Future Inc.	July 17, 2018	D823432
JOINT FOR AN UNDERBODY OF A MOTOR VEHICLE	Faraday&Future Inc.	November 20, 2018	10131381
NESTED THREE PHASE BUS BAR UNIT	Faraday&Future Inc.	December 10, 2019	10505423
SYSTEMS AND METHODS FOR DISENGAGING A BATTERY	Faraday&Future Inc.	October 10, 2017	9783078
VEHICLE DISPLAY OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE	Faraday&Future Inc.	February 5, 2019	D839882
Inverter Assembly	Faraday&Future Inc.	June 18, 2019	10326378
WHEEL	Faraday&Future Inc.	August 7, 2018	D824832
WHEEL	Faraday&Future Inc.	March 28, 2017	D782384
USER DATA-BASED AUTONOMOUS VEHICLE SYSTEM	Faraday&Future Inc.	March 31, 2020	10606276
Active Vehicle Skirt Panel and the Method of Controlling the Same	Faraday&Future Inc.	April 3, 2018	9932074
ELECTRIC VEHICLE BATTERY	Faraday&Future Inc.	May 7, 2019	10283752
VEHICLE DISPLAY SCREEN OR PORTION THEREOF WITH	Faraday&Future Inc.	June 5, 2018	D819658

Patent Name	Owner	Reg. Date	Patent No.
ANIMATED GRAPHICAL USER INTERFACE			
CAR EXTERIOR GENERATING AND FUSING TRAFFIC SCENARIOS FOR AUTOMATED DRIVING SYSTEMS	Faraday&Future Inc.	April 3, 2018	D814353
IPM MACHINE WITH SPECIALIZED ROTOR FOR AUTOMATIVE ELECTRIC VEHICLES	Faraday&Future Inc.	October 5, 2021	11137763
VEHICLE ENERGY-STORAGE SYSTEMS HAVING PARALLEL COOLING	Faraday&Future Inc.	February 19, 2019	10211690
INFOTAINMENT BASED ON VEHICLE NAVIGATION DATA	Faraday&Future Inc.	November 3, 2020	10826140
WHEEL CAMERA-BASED VEHICLE POSITION DETERMINATION WITH KNOWN TARGET	Faraday&Future Inc.	June 1, 2021	11023515
PRE-CHARGE SYSTEM AND METHOD	Faraday&Future Inc.	August 7, 2018	D824831
EXTERIOR VEHICLE ALERTING SYSTEM	Faraday&Future Inc.	March 12, 2019	10227017
PAIRING OF INPUT DEVICE AND DISPLAY IN VEHICLE INFOTAINMENT SYSTEMS	Faraday&Future Inc.	September 18, 2018	10076964
Heat Pipe For Vehicle Energy-Storage Systems	Faraday&Future Inc.	February 6, 2018	9884585
ELECTRIC VEHICLE CHARGING STATION	Faraday&Future Inc.	June 11, 2019	10318442
AUTONOMOUS VEHICLE CHARGING STATION CONNECTION	Faraday&Future Inc.	June 12, 2018	9995536
	Faraday&Future Inc.	June 14, 2017	D791074
	Faraday&Future Inc.	April 24, 2019	10286793

Patent Name	Owner	Reg. Date	Patent No.
METHOD AND APPARATUS FOR DETECTION AND RANGING FAULT DETECTION AND RECOVERY SYSTEM AND METHOD FOR TRACKING MOVING OBJECTS TO AVOID INTERFERENCE WITH VEHICULAR DOOR OPERATIONS	Faraday&Future Inc.	February 12, 2019	10203408
Heat Exchanger for Vehicle Energy-Storage Systems	Faraday&Future Inc.	December 10, 2019	10505163
INTUITIVE VEHICLE CONTROL SYSTEM AND METHOD FOR LIDAR-BASED VEHICULAR LOCALIZATION RELATING TO AUTONOMOUS NAVIGATION	Faraday&Future Inc.	June 6, 2017	9669712
VEHICLE POWER MANAGEMENT Car, Toy Car Replica and/or Other Replica	Faraday&Future Inc.	October 15, 2019	10442306
DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE	Faraday&Future Inc.	October 18, 2017	D801857
Dual Phase Battery Cooling System	Faraday&Future Inc.	March 6, 2018	D812077
SYSTEMS AND METHODS FOR CONNECTING BATTERY STRINGS TO A DC BUS	Faraday&Future Inc.	February 26, 2019	10218043
SYSTEMS AND METHODS FOR PROVIDING CUSTOMIZED AND ADAPTIVE MASSAGING IN VEHICLE SEATS	Faraday&Future Inc.	October 22, 2019	10449867
IMPACT ABSORBING DEVICE DEFINING APERTURE	Faraday&Future Inc.	May 12, 2020	10647237
LOCATION BASED PARKING METER TIME REMINDER	Faraday&Future Inc.	June 26, 2018	10005410
	Faraday&Future Inc.	June 27, 2017	9691190

Patent Name	Owner	Reg. Date	Patent No.
CAR EXTERIOR	Faraday&Future Inc.	July 14, 2020	D890027
DETECTING POSITION MEASUREMENT ERRORS IN AN ELECTRIC MOTOR SYSTEM	Faraday&Future Inc.	September 25, 2018	10084399
SERIAL COMMUNICATION SAFETY CONTROLLER	Faraday&Future Inc.	March 10, 2020	10585828
ACTIVATE/DEACTIVATE FUNCTIONALITY IN RESPONSE TO ENVIRONMENTAL CONDITIONS	Faraday&Future Inc.	December 1, 2020	10852725
DASHBOARD FOR A CAR, INCLUDING TOY-CAR, MOTOR CAR, REPLICAR, SCALE-MODEL-CAR, AND/OR OTHER REPLICAS.	Faraday&Future Inc.	July 17, 2018	D823206
CHASSIS MONITORING SYSTEM HAVING OVERLOAD DETECTION	Faraday&Future Inc.	October 30, 2018	10112485
VEHICLE HAVING MULTI-MODE DOOR	Faraday&Future Inc.	April 30, 2019	10272748
INFORMATIONAL VISUAL DISPLAY FOR VEHICLES	Faraday&Future Inc.	January 22, 2019	10186089
SYSTEM AND METHOD FOR GROUND AND FREE-SPACE DETENTION	Faraday&Future Inc.	July 7, 2020	10705220
IN-VEHICLE LOCKING SAFE WITH DETACHMENT AND BREACH RESISTANT SECURITY FEATURES	Faraday&Future Inc.	January 7, 2020	10525892
USING POSITION ESTIMATE ERROR BOUNDS FOR SAFE VEHICLE NAVIGATION	Faraday&Future Inc.	January 26, 2021	10901422
VEHICLE INTERIOR	Faraday&Future Inc.	January 30, 2018	D808675

Patent Name	Owner	Reg. Date	Patent No.
SYSTEM AND METHOD FOR OPERATING VEHICLE DOOR	Faraday&Future Inc.	September 10, 2019	10407968
SYSTEM AND METHOD FOR OPERATING VEHICLE USING MOBILE DEVICE	Faraday&Future Inc.	November 28, 2017	9830757
LIQUID TEMPERATURE SENSOR	Faraday&Future Inc.	April 2, 2019	10247087
DUAL GAP CURRENT SENSOR FOR MULTI PHASE CONDUCTION	Faraday&Future Inc.	October 10, 2017	9784768
SYSTEM AND METHOD FOR ADJUSTING A LIDAR SYSTEM	Faraday&Future Inc.	August 11, 2020	10739441
SYSTEM AND METHOD FOR INTEGRATION OF REDUNDANT BUS ARCHITECTURE INTO A POWER SYSTEM	Faraday&Future Inc.	April 12, 2022	11299049
SYSTEM AND METHOD FOR DETECTING OCCLUDED OBJECTS BASED ON IMAGE PROCESSING	Faraday&Future Inc.	September 21, 2021	11126195
GPS ASSISTIN REGENERATIVE BRAKING	Faraday&Future Inc.	September 10, 2019	10406923
BRAKING CONTROL METHOD AND SYSTEM FOR A VEHICLE	Faraday&Future Inc.	September 18, 2018	10076962
CONTINUOUS STATOR WINDING AND ELECTRIC MACHINE COMPRISING THE SAME	Faraday&Future Inc.	November 3, 2020	10826364
ELECTRIC VEHICLE CHARGING STATION	Faraday&Future Inc.	June 14, 2017	D791073
METHOD AND SYSTEM FOR OVERCURRENT PROTECTION FOR INSULATED-GATE BIPOLAR TRANSISTOR (IGBT) MODULES	Faraday&Future Inc.	March 6, 2018	9912225

Patent Name	Owner	Reg. Date	Patent No.
SEMI-AUTOMATED DRIVING USING PRE-RECORDED ROUTE SYSTEM AND METHOD FOR IMPROVING ACCELERATION PERFORMANCE OF AN ELECTRIC VEHICLE	Faraday&Future Inc.	September 17, 2019	10416682
LIQUID COOLED BATTERY SYSTEM WITH INTEGRATED CURRENT CARRIER AND COOLANT PATH	Faraday&Future Inc.	October 20, 2020	10811740
REMOTELY GRANTING VEHICLE PERMISSIONS	Faraday&Future Inc.	May 12, 2020	10647294
WHEEL ELECTRIC VEHICLE BATTERY TEST	Faraday&Future Inc.	October 8, 2019	D862342
MODIFIED STATOR LEADS AND METHODS OF JOINING STATOR LEADS	Faraday&Future Inc.	June 23, 2020	10693335
DIMMABLE SUNVISOR ELECTRICAL AND MECHANICAL CONNECTOR	Faraday&Future Inc.	January 22, 2019	10183557
BATTERY MODULE COMMUNICATION LINK CONNECTION WITH IMPROVED SEALING	Faraday&Future Inc.	April 17, 2018	9948044
CHARGING CONNECTOR	Faraday&Future Inc.	January 21, 2020	10538170
SETTING VEHICLE PERMISSIONS USING GEO-FENCING	Faraday&Future Inc.	July 4, 2017	D791075
METHODS AND APPARATUS FOR GENERATING CURRENT COMMANDS FOR AN INTERIOR	Faraday&Future Inc.	May 12, 2020	10647302
	Faraday&Future Inc.	September 12, 2017	9762164

Patent Name	Owner	Reg. Date	Patent No.
PERMANENT MAGNET (IPM) MOTOR			
SYSTEMS AND METHODS FOR SECURE USER PROFILES	Faraday&Future Inc.	November 5, 2019	10467429
EMERGENCY RELEASE SYSTEM FOR AUTOMOBILE SIDE DOOR WHEEL	Faraday&Future Inc.	December 15, 2020)	10865591
WINDSHIELD WIPER FLUID REFILLING SYSTEM	Faraday&Future Inc.	July 31, 2018	D824309
SYSTEMS, METHODS, AND APPARATUS FOR ESTIMATING TORQUE DURING FAULT CONDITIONS	Faraday&Future Inc.	December 11, 2018	10150453
ADAPTIVE CRUISE CONTROL SYSTEM HAVING CENTER-CONSOLE ACCESS	Faraday&Future Inc.	August 18, 2020	10744879
CAR INTERIOR OPERATING POINT DETERMINATION IN AN ELECTRIC MOTOR SYSTEM	Faraday&Future Inc.	June 18, 2019	10322721
REDUNDANT LOW-VOLTAGE BATTERY SYSTEM OPERATION IN ELECTRIC VEHICLES	Faraday&Future Inc.	October 17, 2017	D800037
STEERING WHEEL	Faraday&Future Inc.	April 14, 2020	10622870
THRUST BALANCED PLANETARY GEAR ASSEMBLIES	Faraday&Future Inc.	September 1, 2020	10761530
REDUNDANT CIRCUIT DISCONNECTION FOR ELECTRIC VEHICLES	Faraday&Future Inc.	September 19, 2017	D797620
VEHICLE INSTRUMENT PANEL	Faraday&Future Inc.	April 9, 2019	10253848
		August 15, 2017	9731606
		January 15, 2019	D838280

Patent Name	Owner	Reg. Date	Patent No.
CAN LISTEN ONLY CONFIGURATION FOR SAFETY CRITICAL SYSTEMS	Faraday&Future Inc.	January 5, 2021	10887127
WHEEL ALIGNMENT SYSTEMS AND METHODS	Faraday&Future Inc.	July 3, 2018	10012499
FRONTLIGHT FOR AN AUTOMOBILE	Faraday&Future Inc.	March 21, 2017	D782087
SAFETY AND CLEAN VEHICLE MONITORING SYSTEM	Faraday&Future Inc.	February 5, 2019	10196070
Inverter AC Bus Bar Assembly	Faraday&Future Inc.	January 4, 2022	11218080
DOOR HINGE MECHANISM FOR A VEHICLE	Faraday&Future Inc.	September 14, 2021	11118387
SYSTEMS AND METHODS FOR EVALUATING INSULATION OF FORMED WIRE OR WIRES	Faraday&Future Inc.	November 20, 2018	10132854
VEHICLE OTTOMAN	Faraday&Future Inc.	October 24, 2017	D800635
SWITCHING INTERFERENCE SUPPRESSION IN MOTOR DRIVING CIRCUITS USING SPACE VECTOR PULSE WIDTH MODULATION (PWM)	Faraday&Future Inc.	March 28, 2017	9608545
WHEEL	Faraday&Future Inc.	March 14, 2017	D781196
TABLET CONNECTION SYSTEM	Faraday&Future Inc.	September 11, 2018	10075010
APPARATUS AND METHOD FOR HOLDING CIRCUIT AGAINST BATTERY MODULE	Faraday&Future Inc.	August 10, 2021	11088411
WINDSHIELD WIPER SYSTEM WITH ACTIELY MOVABLE PLATFORM	Faraday&Future Inc.	November 24, 2020	10843663
BATTERY ASSEMBLY PROCESSES	Faraday&Future Inc.	March 16, 2021	10950884

Patent Name	Owner	Reg. Date	Patent No.
METHODS AND SYSTEMS FOR GENERATING DYNAMIC USER INTERFACE EFFECTS	Faraday&Future Inc.	April 14, 2020	10621778
ELECTRIC VEHICLE CHARGE HANDLE	Faraday&Future Inc.	February 12, 2019	D840331
VISUALIZATION OF INTRA-VEHICULAR COMMUNICATIONS NETWORKS	Faraday&Future Inc.	July 5, 2022	11381472
INVERTER ASSEMBLY	Faraday&Future Inc.	Jan 19, 2016	9,241,428
SENSOR-TRIGGERING OF FRICTION AND REGENERATIVE BRAKING	Faraday&Future Inc.	Nov 22, 2016	9,499,141
INTERIOR PERMANENT MAGNET MACHINE FOR AUTOMOTIVE ELECTRIC VEHICLES	Faraday&Future Inc.	Dec 13, 2016	9,520,752
SYSTEMS AND METHODS FOR DISENGAGING A BATTERY	Faraday&Future Inc.	Dec 20, 2016	9,525,291
IN-VEHICLE BED ASSEMBLY	Faraday&Future Inc.	Jun 15, 2021	11,034,268

Patent Applications

Patent Name	Owner	App. Date	App. No.
MOVEABLE-SENSOR FOR AUTONOMOUS DRIVING	Faraday&Future Inc.	October 8, 2018	16092204
ELECTRIC VEHICLE BATTERY MANAGEMENT	Faraday&Future Inc.	October 1, 2018	16090567
SYSTEM AND METHOD FOR STEERING COMPENSATION	Faraday&Future Inc.	March 27, 2018	15763606
SYSTEM FOR PROVIDING COLOR BALANCE IN AUTOMOTIVE DISPLAY	Faraday&Future Inc.	October 29, 2018	16097611

Patent Name	Owner	App. Date	App. No.
SYSTEM AND METHOD FOR VEHICULAR LOCALIZATION RELATING TO AUTONOMOUS NAVIGATION	Faraday&Future Inc.	April 17, 2018	15955524
VEHICLE ENERGY-STORAGE SYSTEMS HAVING PARALLEL COOLING	Faraday&Future Inc.	December 8, 2017	15836720
SYSTEM AND METHOD FOR CONTROLLING A DRIVING SYSTEM	Faraday&Future Inc.	August 30, 2017	15691606
METHODS AND SYSTEMS FOR DETECTING SIGNAL SPOOFING	Faraday&Future Inc.	March 30, 2018	15941640
APPARATUS AND METHOD FOR HOLDING CIRCUIT FOR LASER WELDING	Faraday&Future Inc.	March 30, 2018	15942317
SYSTEM AND METHOD FOR VEHICLE LOCALIZATION ASSISTANCE USING SENSOR DATA	Faraday&Future Inc.	August 16, 2017	15679019
VOICE ASSISTANCE SYSTEM FOR DEVICES OF AN ECOSYSTEM	Faraday&Future Inc.	August 28, 2018	16080662
CONTENT SHARING SYSTEM AND METHOD	Faraday&Future Inc.	September 26, 2016	15275573
VEHICLE ENERGY-STORAGE SYSTEMS	Faraday&Future Inc.	December 29, 2017	15859072
CONNECTED VEHICLE NETWORK DATA TRANSFER OPTIMIZATION	Faraday&Future Inc.	August 8, 2019	16536258
SYSTEM AND METHODS FOR MOUNTING A PERIPHERAL VEHICULAR DEVICE	Faraday&Future Inc.	July 18, 2018	16039189
SYSTEM AND METHOD FOR HARDWARE-INDEPENDENT MEMORY STORAGE	Faraday&Future Inc.	July 26, 2018	16073335

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