

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

Assignment ID: PATI366909

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
FreeWire Technologies, Inc.		07/15/2024
RECEIVING PARTY DATA		
Company Name:	Speed Charge, LLC	
Street Address:	2200 Abbott Drive	
City:	Carter Lake	
State/Country:	IOWA	
Postal Code:	51510	
PROPERTY NUMBERS Total: 61		
Property Type	Number	
Application Number:	14681415	
Application Number:	15427805	
Application Number:	15432664	
Application Number:	16558310	
Application Number:	17139932	
Application Number:	17567814	
Application Number:	17816205	
Application Number:	17821368	
Application Number:	17822278	
Application Number:	17952082	
Application Number:	18066965	
Application Number:	18066970	
Application Number:	18066975	
Application Number:	18069022	
Application Number:	18069043	
Application Number:	18070369	
Application Number:	18142218	
Application Number:	18145103	
Application Number:	18195194	
Application Number:	18195352	

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Property Type	Number
Application Number:	18231146
Application Number:	18231311
Application Number:	18243233
Application Number:	18373761
Application Number:	18379327
Application Number:	18404675
Application Number:	18613796
Application Number:	18614615
Application Number:	18614630
Application Number:	29854399
Application Number:	29854414
Application Number:	29891735
Application Number:	63133211
Application Number:	63197316
Application Number:	63197323
Application Number:	63197501
Application Number:	63197503
Application Number:	63217293
Application Number:	63217296
Application Number:	63227918
Application Number:	63391703
Application Number:	63436997
Application Number:	63443763
Application Number:	63454019
Application Number:	63489421
Application Number:	63491683
Application Number:	63491695
Application Number:	63491715
Application Number:	63491736
Application Number:	63491739
Application Number:	63539511
Application Number:	63616729
Application Number:	63616749
Application Number:	63624787
Application Number:	63625256
PCT Number:	US2232266
PCT Number:	US2238802
PCT Number:	US2384177

Property Type	Number
PCT Number:	US2384179
PCT Number:	US2384187
PCT Number:	US2419339

CORRESPONDENCE DATA

Fax Number:
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: 3124749501
Email: docket@marshallip.com
Correspondent Name: Peter Adams
Address Line 1: 233 S. Wacker Drive, Suite 6300
Address Line 4: Chicago, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	33658/G1000
NAME OF SUBMITTER:	Mr. Peter Adams
SIGNATURE:	Mr. Peter Adams
DATE SIGNED:	07/17/2024

Total Attachments: 8
source=33658G1000 Corporate Assignment_FreeWire to Speed Charge#page1.tiff
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ASSIGNMENT

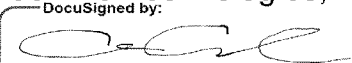
This assignment agreement ("Assignment") is entered into the 15th day of July, 2024 ("Effective Date") by and between FreeWire Technologies, Inc., at 7200 Gateway Blvd., Newark, California 94560 ("Assignor"), and Speed Charge, LLC, at 2200 Abbott Drive, Carter Lake, Iowa 51510 ("Assignee").

For good and valuable consideration, the receipt and sufficiency of which are agreed, Assignor hereby irrevocably sells, assigns and transfers to Assignee and its successors, assigns and legal representatives, Assignor's entire right, title and interest, both legal and equitable, throughout the world, in all inventions, designs, patents, and patent applications (whether or not patentable) as of the Effective Date, including without limitation the patents and patent applications listed in the attached Schedule A, and to the inventions described therein and improvements thereof, all related patent applications throughout the world including those claiming priority thereto anywhere in the world, the right of priority, including without limitation to claim priority benefit of or to said patent applications, all continuations, divisionals and continuations-in-part of any of the foregoing, patents issuing from any of the foregoing, and reissues, reexaminations, extensions and foreign equivalents thereof and supplementary protection certificates allowed on any of the foregoing (collectively the "Patent Rights") for Assignee's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made; together with all income, royalties, damages or payments due or payable as of the Effective Date or thereafter, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patent Rights, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives.

Upon the request of Assignee, Assignor agrees to execute any and all documents and take actions reasonably requested to effectuate this assignment and Assignee's rights in the Patent Rights, including any oath or affidavit relating thereto, to cooperate to the best of Assignor's ability with Assignee in preparing and executing statements and giving and producing evidence in support of the Patent Rights, and to perform any and all acts reasonably requested by Assignee to obtain, enforce and defend the Patent Rights and vest all rights therein to Assignee as fully and entirely as the same would have been held and enjoyed by the Assignor if this Assignment had not been executed.

The parties execute and deliver this Assignment by their respective signatories below.

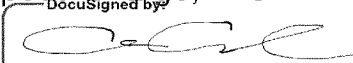
FreeWire Technologies, Inc.

DocuSigned by:
X 
4BF6C505E0854CB...

Name: Aaron Gunderson

Title: Chief Legal Officer

Speed Charge, LLC

DocuSigned by:
X 
4BF6C505E0854CB...

Name: Aaron Gunderson

Title: Chief Legal Officer

Schedule A

Ctry Code	App No.	Title	Filed
United States	14/681415	Systems, Apparatus and Methods of Charging Electric Vehicles	04/08/2015
United States	15/427805	Systems, Apparatus, and Methods for Electric Power	04/08/2015
United States	15/432664	METHODS FOR ELECTRIC POWER	04/08/2015
United States	16/558310	ELECTRIC POWER SYSTEM	02/14/2017
United States	17/567814	Apparatuses for Electrically Connecting Energy Systems	01/03/2022
United States	63/133211	Apparatuses and Systems for Electrical Connecting Energy Storage	
United States	17/139932	AUTONOMOUS MOBILE POWER SUPPLY WITH TASK OR USER TRACKING	12/31/2020
United States	63/197501	ELECTRIC VEHICLE CHARGING SYSTEM AND SMART HOLSTER	06/06/2021
PCT Application	PCT/US22/32266	ELECTRIC VEHICLE CHARGING METHODS AND SYSTEMS	06/03/2022
United States	63/197316	VARIABLE VOLTAGE RANGE ELECTRIC VEHICLE CHARGING SYSTEM	06/04/2021
United States	63/217293	ELECTRIC VEHICLE CHARGING STATUS INDICATOR	07/01/2021
United States	63/197503	Methods of Vehicle Charging and Smart Holster	06/06/2021

Ctry Code	App No.	Title	Filed
United States	63/197323	Methods of Variable Voltage Range Electric Vehicle Charging	06/04/2021
United States	63/217296	Methods of Providing State of Charge for Electric Vehicle Charging	07/01/2021
Canada	3227369	High-Availability Low-Impact Vehicle Charger	07/29/2022
European Patent Application	22755370.8	High-Availability Low-Impact Vehicle Charger	07/29/2022
PCT Application	PCT/US22/38802	High-Availability Low-Impact Vehicle Charger	07/29/2022
United States	17/816205	High-Availability Low-Impact Vehicle Charger	07/29/2022
United States	63/227918	High-Availability Low-Impact Vehicle Charger	07/30/2021
United States	17/822278	Disengagement of Electric Vehicle Charging Cable	08/25/2022
United States	18/142218	Disengagement of Electric Vehicle Charging Cable	05/02/2023
United States	17/821368	Charging EV Battery Using Parallel Buck and Boost Converters	08/22/2022
United States	18/195352	Charging EV Battery Using Parallel Buck and Boost Converters	05/09/2023
United States	63/391703	Charging EV Battery Using Parallel Buck and Boost Converters	07/22/2022
United States	17/952082	SECURE BASE FOR ELECTRIC VEHICLE CHARGING STATION	09/23/2022

Ctry Code	App No.	Title	Filed
PCT Application	PCT/US23/84177	Energy Management for Multiple Charging Stations	12/15/2023
United States	18/066965	Energy Management for Multiple Charging Stations	12/15/2022
United States	18/243233	Energy Management for Multiple Charging Stations	09/07/2023
PCT Application	PCT/US23/84179	Energy Management for Connected Charging Stations with Bidirectionality	12/15/2023
United States	18/066970	Energy Management for Connected Charging Stations with Bidirectionality	12/15/2022
United States	18/231311	Energy Management for Connected Charging Stations with Bidirectionality	08/08/2023
United States	18/066975	Energy Management for Non-charging Load at Site with Charging Station Bidirectionality	12/15/2022
PCT Application	PCT/US23/84187	Resilient Charging Station	12/15/2023
United States	18/069022	Resilient Charging Station	12/20/2022
United States	18/379327	Resilient Charging Station	10/12/2023
United States	18/069043	Resilient Charging Station	12/20/2022
United States	18/070369	Component Power Draw Detection for Electric Vehicle Charging Station	11/28/2022
United States	18/195194	CHARGING AND DISCHARGING OF ELECTRIC VEHICLE (EV) CHARGING STATION BATTERIES	05/09/2023

Ctry Code	App No.	Title	Filed
United States	63/443763	Charging and Discharging of Electric Vehicle (EV) Charging Station Batteries	02/07/2023
United States	18/145103	Dynamic Output Control of Vehicle Chargers	12/22/2022
United States	18/404675	Electric Vehicle Charging Methods and Systems	01/04/2024
United States	63/436997	Electric Vehicle Charging Methods and Systems	01/04/2023
United States	18/613796	Energy Sharing Among Battery-Based Chargers for Electric Vehicles	03/22/2024
United States	63/454019	Sharing power battery among multiple charging stations	03/22/2023
PCT Application	PCT/US24/19339	Optimizing power density in battery packs	03/11/2024
United States	63/489421	Optimizing power density in battery packs	03/09/2023
United States	63/491683	Surface Mount Bus Bar	03/22/2023
United States	63/491695	Port design for a charging station	03/22/2023
United States	18/614615	Interconnecting Electric Components in a Charger for an Electric Vehicle	03/22/2024
United States	63/491715	Thermally enhanced toroid	03/22/2023
United States	63/491736	Charge optimization techniques at a battery-equipped charger	03/22/2023

Ctry Code	App No.	Title	Filed
United States	18/614630	Efficiently Charging Electric Vehicles Using a Battery-Based Charger	03/22/2024
United States	63/491739	Managing a site with multiple battery-equipped chargers	03/22/2023
United States	18/373761	INTEGRATED COOLING STRUCTURE	09/27/2023
United States	63/539511	DIRECTED COOLING THERMAL MANAGEMENT SYSTEM AND METHOD OF OPERATION	09/20/2023
United States	18/231146	ELECTRIC CHARGING HOLSTER WITH LATCHING MECHANISM	08/07/2023
United States	63/616749	CHARGING A VEHICLE ACCORDING TO AN OPTIMIZED CHARGING SCHEME	12/31/2023
United States	63/616729	Enhanced EV Charging Battery to Pass-Thru Mode	12/31/2023
United States	63/624787	Feed Forward Control Strategy for Controlling EV Charge Current Using 4-switch Buck-boost Converter	01/24/2024
United States	63/625256	Efficient Method for Operating 4-switch Buck-boost Converter	01/25/2024
Canada	220886	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
Canada	220887	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
Canada	220888	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
Canada	220889	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023

Ctry Code	App No.	Title	Filed
Canada	220890	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
Canada	220891	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
Canada	220892	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
Canada	220893	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
Australia	202311524	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/19/2023
European Union	DM/228050	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
United Kingdom	DM/228050	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
United States	29/854399	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	09/23/2022
International Design Registration	DM/228050	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/20/2023
Australia	202313161	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/19/2023
Australia	202315410	ELECTRIC VEHICLE CHARGING STATION WITH STATUS INDICATOR LIGHTS	03/19/2023
Canada	220894	ELECTRIC VEHICLE CHARGING STATION	03/20/2023
Canada	220895	ELECTRIC VEHICLE CHARGING STATION	03/20/2023

Ctry Code	App No.	Title	Filed
Australia	202311526	ELECTRIC VEHICLE CHARGING STATION	03/19/2023
European Union	DM/228056	ELECTRIC VEHICLE CHARGING STATION	03/20/2023
United Kingdom	DM/228056	ELECTRIC VEHICLE CHARGING STATION	03/20/2023
United States	29/854414	ELECTRIC VEHICLE CHARGING STATION	09/23/2022
International Design Registration	DM/228056	ELECTRIC VEHICLE CHARGING STATION	03/20/2023
United States	29/891735	ELECTRONIC VEHICLE CHARGING STATION	05/09/2023
Australia	202313827	ELECTRIC VEHICLE CHARGING STATION	03/19/2023
Australia	202315424	ELECTRIC VEHICLE CHARGING STATION	03/19/2023

PATENT

RECORDED: 07/17/2024

REEL: 068404 FRAME: 0665