

PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI657230

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Vanner Inc.,	11/22/2024
RECEIVING PARTY DATA	
Company Name:	Havis, Inc.
Street Address:	75 Jacksonville Road
City:	Warminster
State/Country:	PENNSYLVANIA
Postal Code:	18974
PROPERTY NUMBERS Total: 23	
Property Type	Number
Application Number:	60536328
Application Number:	11330296
Application Number:	60643204
Application Number:	11035830
Application Number:	11036068
Application Number:	11035839
Application Number:	12475446
Application Number:	61057641
Application Number:	12201818
Application Number:	60969323
Application Number:	12414658
Application Number:	61040885
Application Number:	15004433
Application Number:	15466470
Application Number:	61785958
Application Number:	14627615
Application Number:	62001852
Application Number:	15663874
Application Number:	62368250
Application Number:	15494063

PATENT

Property Type	Number
Application Number:	62326893
Application Number:	16171038
Application Number:	16594320

CORRESPONDENCE DATA

Fax Number: 6104070701

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: 6107833336

Email: nicole.may@bipc.com

Correspondent Name: Nicole May

Address Line 1: 2200 Renaissance Blvd.

Address Line 2: Suite 350

Address Line 4: King of Prussia, PENNSYLVANIA 19406

ATTORNEY DOCKET NUMBER:	2102916-000096
NAME OF SUBMITTER:	Nicole May
SIGNATURE:	Nicole May
DATE SIGNED:	12/02/2024

Total Attachments: 4

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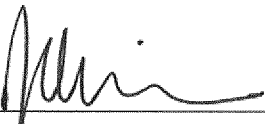
ASSIGNMENT OF PATENT RIGHTS

WHEREAS, Vanner Inc., a corporation organized and existing under the laws of the State of Ohio, (hereinafter referred to as "Assignor"), owns all right and title in and to the patents and applications identified in Exhibits A and B attached hereto (hereinafter referred to as the "Patents"); and

WHEREAS, Havis, Inc., a corporation organized and existing under the laws of the State of Pennsylvania, and having an address at 75 Jacksonville Road, Warminster, Pennsylvania 18974 (hereinafter referred to as the "Assignee"), is desirous of acquiring all right and title in and to the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to the Patents, including all inventions embodied in such Patents, applications for Letters Patent for said inventions, including all divisions, continuations, and continuations-in-part thereof, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto.

Vanner Inc.

By: 
Title: CFO

Date: 11/22/24

EXHIBIT A**US Patents and Applications**

Title	Country	Application No.	Patent No.	Date Filed	Grant Date
SYSTEM FOR PROVIDING AND CONTROLLING PORTABLE ELECTRIC POWER	U.S.	60/536,328		January 14, 2004	
HIGH-FREQUENCY POWER TRANSFORMER	U.S.	11/330,296	7,123,123	January 11, 2006	October 17, 2006
HIGH-FREQUENCY POWER TRANSFORMER	U.S.	60/643,204		January 12, 2005	
ELECTRICAL SYSTEM CONTROL FOR A VEHICLE	U.S.	11/035,830	7,352,154	January 14, 2005	April 1, 2008
FIELD EXCITATION FOR AN ALTERNATOR	U.S.	11/036,068	7,106,030	January 14, 2005	September 12, 2006
HIGH-FREQUENCY DC-DC CONVERTER CONTROL	U.S.	11/035,839	7,379,309	January 14, 2005	May 27, 2008
POWER CONVERTER LOAD LINE CONTROL	U.S.	12/475,446	8,184,458	May 29, 2009	May 22, 2012
SYSTEM AND METHOD FOR CONTROLLING THE OPERATION OF A POWER SWITCH	U.S.	61/057,641		May 30, 2008	
VEHICLE STARTING ASSIST SYSTEM	U.S.	12/201,818	12/201,818	August 29, 2008	October 5, 2010
VEHICLE STARTING ASSIST SYSTEM	U.S.	60/969,323		August 31, 20027	
SYSTEM AND METHOD FOR MONITORING THE STATE OF CHARGE OF A BATTERY	U.S.	12/414,658	8,154,252	March 30, 2009	April 10, 2012

SYSTEM AND METHOD FOR CONTROLLING THE STATE OF CHARGE OF A BATTERY	US	61/040,885		March 31, 2008	
DC-AC CONVERSION CIRCUIT HAVING A FIRST "DOUBLE ENDED" DC PULSE STAGE AND A SECOND AC STAGE	US	15/004,433	9,692,313	January 22, 2016	June 27, 2017
DC-AC CONVERSION CIRCUIT HAVING A FIRST DOUBLE ENDED DC PULSE STAGE AND A SECOND AC STAGE	US	15/466,470	9,906,169	March 22, 2017	February 27, 2018
VOLTAGE CONVERTER SYSTEMS	US	61/785,958		March 14, 2013	
POWER MANAGEMENT AND ENVIRONMENTAL CONTROL SYSTEM FOR VEHICLES	US	14/627,615	9,868,409	February 20, 2015	January 16, 2018
POWER MANAGEMENT AND ENVIRONMENTAL CONTROL SYSTEM FOR VEHICLES	US	62/001,852		May 22, 2014	
METHOD OF FORMING A TRANSFORMER WINDING	US	15/663,874	10,679,784	July 31, 2017	June 9, 2020
HIGH-FREQUENCY POWER TRANSFORMER	US	62/368,250		July 29, 2016	
ISOLATED STEP-UP CONVERTER	US	15/494,063	9,871,450	April 21, 2017	January 16, 2018
ISOLATED STEP-UP DC-DC CONVERTER	US	62/326,893		April 25, 2016	
BI-DIRECTIONAL ISOLATED DC-DC CONVERTER FOR THE ELECTRIFICATION OF TRANSPORTATION	US	16/171,038	10,483,862	October 25, 2018	November 19, 2019

BI-DIRECTIONAL ISOLATED DC-DC CONVERTER FOR THE ELECTRIFICATION OF TRANSPORTATION	US	16/594,320	11,063,518	October 7, 2019	July 13, 2021
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