

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2746435

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT
CONVEYING PARTY DATA	
Name	Execution Date
VANNER, INC.	02/27/2014
VANNER HOLDINGS, INC.	02/27/2014
RECEIVING PARTY DATA	
Name:	JPMORGAN CHASE BANK, N.A.
Street Address:	1111 POLARIS PARKWAY
City:	COLUMBUS
State/Country:	OHIO
Postal Code:	43240
PROPERTY NUMBERS Total: 16	
Property Type	Number
Patent Number:	6483731
Patent Number:	6570416
Patent Number:	D499074
Patent Number:	D483019
Patent Number:	7057376
Patent Number:	7123123
Patent Number:	7352154
Patent Number:	7106030
Patent Number:	7418995
Patent Number:	7379309
Patent Number:	6765388
Patent Number:	5394089
Patent Number:	8184458
Patent Number:	7806095

Patent Number:	8154252
Application Number:	61785958

CORRESPONDENCE DATA	
Fax Number:	(614)464-2634
Phone:	(614) 462-5458
Email:	trademarks@keglerbrown.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	KEGLER BROWN - P*F / SCB
Address Line 1:	65 EAST STATE STREET
Address Line 2:	SUITE 1800
Address Line 4:	COLUMBUS, OHIO 43215

ATTORNEY DOCKET NUMBER:	8028.28PAT
NAME OF SUBMITTER:	STEPHEN C. BARSOTTI
Signature:	/SCB/
Date:	02/27/2014

<p>Total Attachments: 6</p> <p>source=PatentNotice of Security Interest#page1.tif</p> <p>source=PatentNotice of Security Interest#page2.tif</p> <p>source=PatentNotice of Security Interest#page3.tif</p> <p>source=PatentNotice of Security Interest#page4.tif</p> <p>source=PatentNotice of Security Interest#page5.tif</p> <p>source=PatentNotice of Security Interest#page6.tif</p>

NOTICE OF SECURITY INTEREST

Vanner, Inc., a Delaware corporation, and Vanner Holdings, Inc., an Ohio corporation (collectively the "Debtors"), and JPMorgan Chase Bank, N.A., a national banking association (together with its successors and assigns, "Secured Party"), are parties to a certain Intellectual Property Security Agreement dated February 27, 2014 (the "Security Agreement").

WHEREAS, Debtors own certain rights, title and interest in and to certain Collateral (as defined in the Security Agreement), including the Collateral listed on the annexed Schedule A attached hereto; and

WHEREAS, Debtors have granted Secured Party a security interest as set forth in the Security Agreement in and to, among other things, all right, title and interest of Debtors in the Collateral, to secure the payment, performance and observance of certain obligations defined in the Security Agreement.

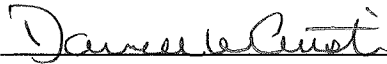
NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Debtors do hereby grant to Secured Party a security interest in the Collateral to secure the prompt payment, performance and observance of the Secured Obligations defined in the Security Agreement.

Secured Party does hereby further acknowledge and affirm that the rights and remedies of Secured Party with respect to the security interest in the Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein.

[Signature pages immediately follows.]

IN WITNESS WHEREOF, the parties hereto have duly executed this Notice of Security Interest as of the date first written above.

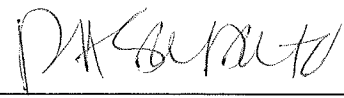
VANNER, INC.
a Delaware corporation

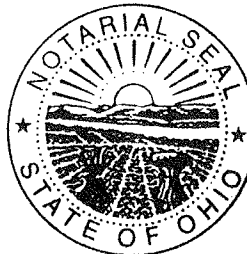
By: 
Name Darrell W. Austin
Title Secretary

STATE OF OHIO)
) SS:
COUNTY OF CUYAHOGA)

BEFORE ME, the undersigned authority, on this day personally appeared DARRELL W. AUSTIN, the SECRETARY of **VANNER, INC.**, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of **VANNER, INC.** and that he executed the same as the act of such limited liability company for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 25 day of FEBRUARY, 2014.



Notary Public
My Commission Expires



RACHEL ANN SABATO
Notary Public, State of Ohio
Cuyahoga County
My Commission Expires
March 13, 2015

IN WITNESS WHEREOF, the parties hereto have duly executed this Notice of Security Interest as of the date first written above.

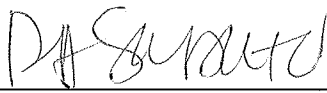
VANNER HOLDINGS, INC.
an Ohio corporation

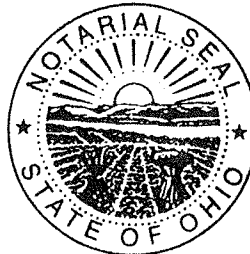
By: 
Name Darrell W. Austin
Title: President

STATE OF OHIO)
) SS:
COUNTY OF CUYAHOGA)

BEFORE ME, the undersigned authority, on this day personally appeared DARRELL W. AUSTIN, the PRESIDENT of **VANNER HOLDINGS, INC.**, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of **VANNER HOLDINGS, INC.** and that he executed the same as the act of such limited liability company for the purposes and consideration therein expressed, and in the capacity therein stated.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this 25 day of FEBRUARY, 2014.


Notary Public
My Commission Expires

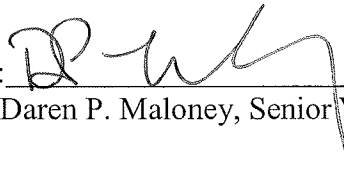


RACHEL ANN SABATO
Notary Public, State of Ohio
Cuyahoga County
My Commission Expires
March 13, 2015

IN WITNESS WHEREOF, the parties hereto have duly executed this Notice of Security Interest as of the date first written above.

LENDER:

JPMorgan Chase Bank, N.A.,
a national banking association

By: 
Daren P. Maloney, Senior Vice President

STATE OF OHIO

:

: ss

COUNTY OF FRANKLIN

:

On this 26th day of February, 2014, before me, a Notary Public, personally appeared Daren P. Maloney, Senior Vice President, who acknowledged himself to be acting on behalf of JPMorgan Chase Bank, N.A. and that he, being authorized to do so, executed the Notice of Security Interest for the purposes therein contained by signing his name as such on behalf of Secured Party.



Notary Public
My Commission Expires



ALLEN L. HANDLAN
Attorney At Law
NOTARY PUBLIC - STATE OF OHIO
My commission has no expiration date
Sec. 147.03 R.C.

SCHEDULE 1

United States Patents

Country	Title	Serial No.	Filing Date	Patent No.	Issue Date	Status	Owner
United States of America	Alexander Topology Resonance Energy Conversion and Inversion Circuit Utilizing a Series Capacitance Multi-voltage Resonance Section	09/628,741	07/31/2000	6,483,731	11/19/2002	Granted	Vanner, Inc.
United States of America	Lossless Gate Driver Circuit	10/044,693	01/11/2002	6,570,416	05/27/2003	Granted	Vanner, Inc.
United States of America	Enclosure for Electronic Equipment	29/190,149	09/16/2003	D499,074	11/30/2004	Granted	Vanner, Inc.
United States of America	Heat Sink for Electronic Equipment	29/172,402	12/10/2002	D483,019	12/02/2003	Granted	Vanner, Inc.
United States of America	Power Management System for Vehicles	11/035,831	01/14/2005	7,057,376	06/06/2006	Granted	Vanner, Inc.
United States of America	High-Frequency Power Transformer	11/330,296	01/11/2006	7,123,123	10/17/2006	Granted	Vanner, Inc.
United States of America	Electrical System Control for a Vehicle	11/035,830	01/14/2005	7,352,154	04/01/2008	Granted	Vanner, Inc.
United States of America	Field Excitation for an Alternator	11/036,068	01/14/2005	7,106,030	09/12/2006	Granted	Vanner, Inc.
United States of America	System for Cooling Environmentally Sealed Enclosures	11/035,574	01/14/2005	7,418,995	09/02/2008	Granted	Vanner, Inc.
United States of America	High-Frequency DC-DC Converter Control	11/035,839	01/14/2005	7,379,309	05/27/2008	Granted	Vanner, Inc.
United States of America	Assessing a parameter of cells in the batteries of uninterruptable power supplies	10/049,746	08/03/2000	6,765,388	07/20/2004	Granted	Vanner, Inc.
United States of America	Battery Monitor Which Indicates Remaining Capacity By Continuously Monitoring Instantaneous Power Consumption Relative To Expected Hypotholic Discharge Rates	08/150,278	11/10/1993	5,394,089	02/28/1995	Expired	Vanner, Inc.
United States of America	Power converter load line control	12/475,446	05/29/2009	8,184,458	05/22/2012	Granted	Vanner, Inc.
United States of America	Vehicle Starting Assist System	12/201,818	08/29/2008	7,806,095	10/05/2010	Granted	Vanner, Inc.
United States of America	System and Method for Controlling the State of Charge of a Battery	12/414,658	03/31/2009	8,154,252	04/10/2010	Granted	Vanner, Inc.

United States of America	Voltage Converter System	61/785,958	03/14/2013		Pending	Vanner, Inc.
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Foreign Patents

Country	Title	Serial No.	Filing Date	Patent No.	Issue Date	Status	Owner
Canada	Alexander Topology Resonance Energy Conversion and Inversion Circuit Utilizing a Series Capacitance Multi-voltage Resonance Section	2,417,771	07/09/2001	2,417,771	09/09/2008	Granted	Vanner, Inc.
Mexico	Alexander Topology Resonance Energy Conversion and Inversion Circuit Utilizing a Series Capacitance Multi-voltage Resonance Section	PA/a/2003/000973	07/09/2001	239781	08/18/2006	Granted	Vanner, Inc.
Canada	High-Frequency Power Transformer	2,532,771	01/11/2006	2,532,771	04/16/2013	Granted	Vanner, Inc.
European Union	High-Frequency Power Transformer	06100257.2	01/12/2006			Pending	Vanner, Inc.
Canada	Accessing a Parameter of Cells of a Battery	2,381,032	08/03/2000	2,381,032	06/22/2010	Pending	Vanner, Inc.
United Kingdom	Assessing the efficacy of battery cells in an uninterruptable power supply	2,352,820	08/03/1999	2,352,820	08/19/2003	Granted	Vanner, Inc.
Canada	Power Converter Load Control	2,667,877	06/01/2009			Pending	Vanner, Inc.
Canada	Vehicle Starting Assist System	2,639,377	09/02/2008			Pending	Vanner, Inc.
European Union	Vehicle Starting Assist System	EP2159409	09/01/2008			Pending	Vanner, Inc.