

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM437053

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
PACIFIC WESTERN BANK		07/25/2017	STATE CHARTERED BANK: CALIFORNIA
RECEIVING PARTY DATA			
Name:	POWER ANALYTICS CORPORATION		
Street Address:	8521 SIX FORKS ROAD		
Internal Address:	SUITE 110		
City:	RALEIGH		
State/Country:	NORTH CAROLINA		
Postal Code:	27615		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 15			
Property Type	Number	Word Mark	
Serial Number:	78577838	POWER ANALYTICS	
Serial Number:	85485361	POWER ANALYTICS	
Serial Number:	85493423	POWER ANALYTICS	
Serial Number:	85494445	PA	
Serial Number:	87064484	POWER ANALYTICS WHOLE MICROGRID CONCEPT	
Serial Number:	87064490	POWER ANALYTICS ENERGY ALIGNMENT PLAN	
Serial Number:	85493439	PALADIN DESIGNBASE	
Serial Number:	86431539	DB XI	
Serial Number:	86431524	DESIGNBASE XI	
Serial Number:	86051979	PALADIN WSM	
Serial Number:	85484403	PALADIN SMARTGRID POWER MANAGEMENT SYSTE	
Serial Number:	85485377	FORESIGHT AS ACCURATE AS HINDSIGHT.	
Serial Number:	85608189	PALADIN GATEWAY	
Serial Number:	85561832	PALADIN DESIGNVIEW	
Serial Number:	85561792	PALADIN LIVE	
CORRESPONDENCE DATA			
Fax Number:	9193541278		

TRADEMARK

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: 919-314-3086
Email: diligencereview@square1bank.com
Correspondent Name: PACIFIC WESTERN BANK
Address Line 1: 406 BLACKWELL STREET
Address Line 2: SUITE 240
Address Line 4: DURHAM, NORTH CAROLINA 27701

NAME OF SUBMITTER:	Nicholas Nance
SIGNATURE:	/NicholasNance-adb/
DATE SIGNED:	07/28/2017

Total Attachments: 6

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RELEASE OF SECURITY INTEREST

This Release of Security Interest is made as of July 25, 2017, by **PACIFIC WESTERN BANK** (as successor in interest by merger to Square 1 Bank) ("Lender") in favor of **POWER ANALYTICS CORPORATION**, a Delaware corporation ("Company") with its principal place of business located at 8521 Six Forks Road, Suite 110, Raleigh, NC 27615.

Recitals

WHEREAS Company granted to Lender a security interest in its copyrights, patents and trademarks, including without limitation its patents and trademarks described on Exhibits A and B attached hereto, (collectively, the "Intellectual Property") under an Intellectual Property Security Agreement dated as of July 27, 2016 (the "Security Agreement"), and recorded with the US Patent and Trademark Office as set forth on Exhibits A and B.

WHEREAS Company has no outstanding obligations to Lender under the terms of the Security Agreement, Lender agrees to release its security interest in the Intellectual Property.

Agreement

Now therefore, Lender agrees that it terminates and releases its security interest in the Intellectual Property and reassigns to Company, without warranty or recourse, all interest of Lender in the Intellectual Property.

LENDER:

PACIFIC WESTERN BANK



Name: DARSH PATEL
Title: VP

406 Blackwell Street
Suite 240
Durham, NC 27701

EXHIBIT A

Patents

Lender's security interest in the following patents was recorded at the US Patent and Trademark Office on September 21, 2016 at Reel and Frame Number 039820/0257:

Description	Registration OR Serial Number	Registration OR Filing Date
SYSTEMS AND METHODS FOR REAL-TIME SYSTEM MONITORING AND PREDICTIVE ANALYSIS	7,826,990	2007.02.14
SYSTEMS AND METHODS FOR REAL-TIME PROTECTIVE DEVICE EVALUATION IN AN ELECTRICAL POWER DISTRIBUTION SYSTEM	7,844,439	2007.03.12
SYSTEMS AND METHODS FOR PREDICTIVE MONITORING INCLUDING REAL-TIME STRENGTH AND SECURITY ANALYSIS IN AN ELECTRICAL POWER DISTRIBUTION SYSTEM	7,840,395	2007.04.12
ELECTRICAL POWER SYSTEM MODELING, DESIGN, ANALYSIS, AND REPORTING VIA A CLIENT-SERVER APPLICATION FRAMEWORK	8,229,722	2008.10.08
SYSTEMS AND METHODS FOR AUTOMATIC REAL-TIME CAPACITY ASSESSMENT FOR USE IN REAL-TIME POWER ANALYTICS OF AN ELECTRICAL POWER DISTRIBUTION SYSTEM	8,959,006	2007.04.12
AUTOMATIC REAL-TIME OPTIMIZATION AND INTELLIGENT CONTROL OF ELECTRICAL POWER DISTRIBUTION AND TRANSMISSION SYST	8,126,685	2007.06.28
SYSTEM FOR COMPARING REAL-TIME DATA AND MODELING ENGINE DATA TO PREDICT ARC FLASH EVENTS	7,729,808	2007.06.29
SYSTEMS AND METHODS FOR DETERMINING PROTECTIVE DEVICE CLEARING TIMES USED FOR PROVIDING REAL-TIME PREDICTIONS ABOUT ARC FLASH EVENTS	7,840,396	2007.07.06
SYSTEMS AND METHODS FOR REAL-TIME DYNAMIC SIMULATION OF UNINTERRUPTIBLE POWER SUPPLY SOLUTIONS AND THEIR CONTROL LOGIC SYSTEMS	7,844,440	2007.07.09

Description	Registration OR Serial Number	Registration OR Filing Date
SYSTEMS AND METHODS FOR REAL-TIME ADVANCED VISUALIZATION FOR PREDICTING THE HEALTH, RELIABILITY AND PERFORMANCE OF AN ELECTRICAL POWER SYSTEM	8,170,856	2007.07.12
SYSTEMS AND METHODS FOR ALARM FILTERING AND MANAGEMENT WITHIN A REAL-TIME DATA ACQUISITION AND MONITORING ENVIRONMENT	7,693,608	2007.07.20
SYSTEMS AND METHODS FOR A REAL-TIME SYNCHRONIZED ELECTRICAL POWER SYSTEM SIMULATOR FOR "WHAT-IF" ANALYSIS AND PREDICTION OVER ELECTRICAL POWER NETWORKS.	8180622	2012.05.12
SYSTEMS AND METHODS FOR CREATION OF A SCHEMATIC USER INTERFACE FOR MONITORING AND PREDICTING THE REAL- TIME HEALTH, RELIABILITY AND PERFORMANCE OF AN ELECTRICAL POWER SYSTEM	8,775,934	2008.05.07
REAL-TIME STABILITY INDEXING FOR INTELLIGENT ENERGY MONITORING AND MANAGEMENT OF ELECTRICAL POWER NETWORK SYSTEM	8,131,401	2008.09.23
SYSTEMS AND METHODS FOR AUTOMATICALLY CONVERTING CAD DRAWING FILES INTO INTELLIGENT OBJECTS WITH DATABASE CONNECTIVITY FOR THE DESIGN, ANALYSIS, AND SIMULATION OF ELECTRICAL POWER SYSTEMS	8,155,943	2008.10.08
METHOD FOR PREDICTING ARC FLASH ENERGY AND PPE CATEGORY WITHIN A REAL-TIME MONITORING SYSTEM	8,868,398	2008.10.10
REAL-TIME SYSTEM FOR VERIFICATION AND MONITORING OF PROTECTIVE DEVICE SETTINGS WITHIN AN ELECTRICAL POWER DISTRIBUTION NETWORK AND AUTOMATIC CORRECTION OF DEVIANCES FOUND	8,165,723	2008.12.12
METHOD FOR PREDICTING SYMMETRIC, AUTOMATED, REAL-TIME ARC FLASH ENERGY WITHIN A REAL-TIME MONITORING SYSTEM	8,494,830	2009.07.20

Description	Registration OR Serial Number	Registration OR Filing Date
METHOD FOR PREDICTING POWER USAGE EFFECTIVENESS AND DATA CENTER INFRASTRUCTURE EFFICIENCY WITHIN A REAL-TIME MONITORING SYSTEM	8,401,833	2009.08.17
SYSTEMS AND METHODS FOR ALARM FILTERING AND MANAGEMENT WITHIN A REAL-TIME DATA ACQUISITION AND MONITORING ENVIRONMENT	8,577,661	2010.01.19
SYSTEMS AND METHODS FOR REAL-TIME SYSTEM MONITORING AND PREDICTIVE ANALYSIS	8,155,908	2010.04.13
SYSTEM FOR COMPARING REAL-TIME DATA AND MODELING ENGINE DATA TO PREDICT ARC FLASH EVENTS	8,688,429	2010.04.13
REAL TIME MICROGRID POWER ANALYTICS PORTAL FOR MISSION CRITICAL POWER SYSTEMS	8,321,194	2010.09.30
METHOD FOR PREDICTING ARC FLASH ENERGY AND PPE CATEGORY WITHIN A REAL-TIME MONITORING SYSTEM	9,111,057	2014.09.25
REAL-TIME PREDICTIVE SYSTEMS FOR INTELLIGENT ENERGY MONITORING AND MANAGEMENT OF ELECTRICAL POWER NETWORKS	9,031,824	2014.11.04
SYSTEMS AND METHODS FOR INTUITIVE MODELING OF COMPLEX NETWORKS IN A DIGITAL ENVIRONMENT	9,092,593	2008.09.25
REAL-TIME PREDICTIVE SYSTEMS FOR INTELLIGENT ENERGY MONITORING AND MANAGEMENT OF ELECTRICAL POWER NETWORKS	12/121552	2015.05.15
SYSTEMS AND METHODS FOR REAL-TIME DC MICROGRID POWER ANALYTICS FOR MISSION-CRITICAL POWER SYSTEMS	14/597499	2015.01.15
MICROGRID MODEL BASED AUTOMATED REAL TIME SIMULATION FOR MARKET BASED ELECTRIC POWER SYSTEM OPTIMIZATION	14/617271	2015.02.09
SYSTEMS AND METHODS FOR AUTOMATIC REAL-TIME CAPACITY ASSESSMENT FOR USE IN REAL-TIME POWER ANALYTICS OF AN ELECTRICAL POWER DISTRIBUTION SYSTEM	14/617313	2015.02.09
SYSTEMS AND METHODS FOR AUTOMATED MODEL-BASED REAL-TIME SIMULATION OF A MICROGRID FOR MARKET-BASED ELECTRIC POWER SYSTEM OPTIMIZATION	14/617333	2015.02.09

Description	Registration OR Serial Number	Registration OR Filing Date
METHOD FOR PREDICTING SYMMETRIC, AUTOMATED, REAL-TIME ARC FLASH ENERGY WITHIN A REAL-TIME MONITORING SYSTEM	14/617370	2015.02.09
SYSTEMS AND METHODS FOR REAL-TIME FORECASTING AND PREDICTING OF ELECTRICAL PEAKS AND MANAGING THE ENERGY, HEALTH, RELIABILITY, AND PERFORMANCE OF ELECTRICAL POWER SYSTEMS BASED ON AN ARTIFICIAL ADAPTIVE NEURAL NETWORK	14/925227	2015.10.28

EXHIBIT B**Trademarks**

Lender's security interest in the following trademarks was recorded at the US Patent and Trademark Office on September 21, 2016 at Reel and Frame Number 5880/0684:

Description	Registration/ Application Number	Registration/ Application Date
POWER ANALYTICS	78577838	2005.03.01
POWER ANALYTICS	85485361	2011.12.01
POWER ANALYTICS	85493423	2011.10.12
PA (+ Design)	85494445	2011.12.13
POWER ANALYTICS WHOLE MICROGRID CONCEPT	87064484	2016.06.08
POWER ANALYTICS ENERGY ALIGNMENT PLAN	87064490	2016.06.08
PALADIN DESIGNBASE	85493439	2011.12.12
DB XI	86431539	2014.10.22
DESIGNBASE XI	86431524	2014.10.22
PALADIN WSM	86051979	2013.08.29
PALADIN SMARTGRID POWER MANAGEMENT SYSTEM	85484403	2011.11.30
FORESIGHT AS ACCURATE AS HINDSIGHT.	85485377	2011.12.01
PALADIN GATEWAY	85608189	2012.04.25
PALADIN DESIGNVIEW	85561832	2012.03.06
PALADIN LIVE	85561792	2012.03.06
P (+ Design)	85608189	2004.09.30
PALADIN SMARTGRID	85561832	2009.08.28
PALADIN	85561792	1996.05.20

TRADEMARK**RECORDED: 07/28/2017****REEL: 006117 FRAME: 0195**