## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4424221

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY AGREEMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
KEMET CORPORATION	05/05/2017
KEMET ELECTRONICS CORPORATION	05/05/2017
KEMET BLUE POWDER CORPORATION	05/05/2017

### **RECEIVING PARTY DATA**

Name:	BANK OF AMERICA, N.A., AS COLLATERAL AGENT
Street Address:	ONE INDEPENDENCE CENTER
Internal Address:	MAILCODE: NC1-001-05-45
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255-0001

### **PROPERTY NUMBERS Total: 181**

Property Type	Number
Patent Number:	7116548
Patent Number:	9472342
Patent Number:	7280342
Patent Number:	7079377
Patent Number:	7923395
Patent Number:	8346355
Patent Number:	7667954
Patent Number:	7277269
Patent Number:	9142353
Patent Number:	7342775
Patent Number:	8057883
Patent Number:	8111524
Patent Number:	8947852
Patent Number:	8036740
Patent Number:	7499260
Patent Number:	9583273
Patent Number:	8441265

PATENT REEL: 042523 FRAME: 0639

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Patent Number:         9576734           Patent Number:         D586767           Patent Number:         8896985           Patent Number:         8717774           Patent Number:         8713770           Patent Number:         7248462           Patent Number:         7544218           Patent Number:         6699431           Patent Number:         46699431           Patent Number:         7990683           Patent Number:         7081141           Patent Number:         7670981           Patent Number:         9236191           Patent Number:         9236191           Patent Number:         8904609           Patent Number:         9524829           Patent Number:         953866           Patent Number:         9490072           Patent Number:         8410536           Patent Number:         9490072           Patent Number:         9649388           Patent Number:         9616388           Patent Number:         96493213           Patent Number:         6493213           Patent Number:         6493213           Patent Number:         6391379           Patent Number:         6391379	Property Type	Number
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Patent Number:         6475368           Patent Number:         7754276           Patent Number:         9030807           Patent Number:         8470680	Patent Number:	6391379
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Patent Number:         9030807           Patent Number:         8470680	Patent Number:	6475368
Patent Number: 8470680	Patent Number:	7754276
	Patent Number:	9030807
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Patent Number: 7691177	Patent Number:	7691177

Property Type	Number
Patent Number:	9147530
Patent Number:	8576537
Patent Number:	8310815
Patent Number:	8125766
Patent Number:	9378898
Patent Number:	7563290
Patent Number:	9312074
Patent Number:	9087648
Patent Number:	8349030
Patent Number:	8988857
Patent Number:	7745281
Patent Number:	9287844
Patent Number:	8885324
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Patent Number:	8873219
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Patent Number:	8902567
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Patent Number:	8264816
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Patent Number:	6859354
Patent Number:	9190214
Patent Number:	6801424
Patent Number:	6819544
Patent Number:	6842328
Patent Number:	7554793
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Patent Number:	6334966
Patent Number:	9343239
Patent Number:	6788523
Patent Number:	8896986
Patent Number:	6845004
Patent Number:	9362056
Patent Number:	7917217
Patent Number:	7605048
Patent Number:	6629344

Property Type	Number
Patent Number:	7256982
Patent Number:	5973907
Patent Number:	6072694
Patent Number:	6136176
Patent Number:	7658986
Patent Number:	8675349
Patent Number:	8310816
Patent Number:	6334945
Patent Number:	8885319
Patent Number:	7958627
Patent Number:	9025311
Patent Number:	8842418
Patent Number:	9293263
Patent Number:	7671603
Patent Number:	8808403
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Patent Number:	8771381
Patent Number:	7207103
Patent Number:	7292429
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Patent Number:	7161796
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Patent Number:	8331078
Patent Number:	7054137
Patent Number:	6917510
Patent Number:	6903920
Patent Number:	8503165
Patent Number:	8379371
Patent Number:	8760848
Patent Number:	8840685
Patent Number:	8982536
Patent Number:	9030806
Patent Number:	9514890
Patent Number:	9484156
Patent Number:	7361568
Patent Number:	7125429

Property Type	Number
Patent Number:	6459565
Patent Number:	6149793
Patent Number:	7833293
Application Number:	14193293
Application Number:	14096605
Application Number:	14183633
Application Number:	14162268
Application Number:	13959995
Application Number:	15083381
Application Number:	14743195
Application Number:	15149309
Application Number:	14482384
Application Number:	14182400
Application Number:	15443787
Application Number:	14152389
Application Number:	14166259
Application Number:	14498514
Application Number:	15149720
Application Number:	14339200
Application Number:	15379729
Application Number:	15263812
Application Number:	15188141
Application Number:	15187451
Application Number:	14672292
Application Number:	14853493
Application Number:	15090165
Application Number:	14180946
Application Number:	14180842
Application Number:	11803952
Application Number:	14525603
Application Number:	14470319
Application Number:	14558892
Application Number:	13542375
Application Number:	14661662
Application Number:	14717414
Application Number:	14925056
Application Number:	14993374
Application Number:	15013307

Property Type	Number
Application Number:	15090692
Application Number:	15285210
Application Number:	15381526
Application Number:	15338577
Application Number:	15264305
Application Number:	15095902
Application Number:	15094201
Application Number:	15013171
Application Number:	15007355
Application Number:	14963766
Application Number:	14871402
Application Number:	14609591

### **CORRESPONDENCE DATA**

**Fax Number:** (800)914-4240

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:** 800-713-0755

Email: Michael.Violet@wolterskluwer.com

Correspondent Name: MICHAEL VIOLET

Address Line 1: 4400 EASTON COMMONS WAY

Address Line 2: SUITE 125

Address Line 4: COLUMBUS, OHIO 43219

NAME OF SUBMITTER:	KEN TAN
SIGNATURE:	/Ken Tan/
DATE SIGNED:	05/22/2017

### **Total Attachments: 21**

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### TERM LOAN PATENT SECURITY AGREEMENT

TERM LOAN PATENT SECURITY AGREEMENT, dated as of May 5, 2017, made by each of the undersigned grantors (individually, a "Grantor", and, collectively, the "Grantors"), in favor of BANK OF AMERICA, N.A., in its capacity as collateral agent pursuant to the Credit Agreement (in such capacity, the "Collateral Agent").

### WITNESSETH:

WHEREAS, the Grantors are party to that certain Term Loan Security Agreement, dated as of April 28, 2017 (as amended, amended and restated, supplemented or otherwise modified from time to time, the "Security Agreement") in favor of the Collateral Agent pursuant to which the Grantors are required to execute and deliver this Term Loan Patent Security Agreement (this "Patent Security Agreement");

Now, Therefore, in consideration of the premises and to induce the Collateral Agent, for the benefit of the Secured Creditors, to enter into the Credit Agreement, the Grantors hereby agree with the Collateral Agent as follows:

SECTION 1. <u>Defined Terms</u>. Unless otherwise defined herein, terms defined in the Security Agreement and used herein have the meaning given to them in the Security Agreement.

SECTION 2. <u>Grant of Security Interest in Patent Collateral</u>. Each Grantor hereby pledges and grants to the Collateral Agent for the benefit of the Secured Creditors a lien on and security interest in and to all of its right, title and interest in, to and under all the following Collateral of such Grantor:

- (a) Patents of such Grantor listed on Schedule I attached hereto; and
- (b) all Proceeds of any and all of the foregoing (other than Excluded Collateral).

SECTION 3. Security Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Collateral Agent pursuant to the Security Agreement and Grantors hereby acknowledge and affirm that the rights and remedies of the Collateral Agent with respect to the security interest in the Patents made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. In the event that any provision of this Patent Security Agreement is deemed to conflict with the Security Agreement, the provisions of the Security Agreement shall control.

SECTION 4. <u>Termination</u>. Upon the payment in full of the Obligations and termination of the Security Agreement, the Collateral Agent shall execute, acknowledge, and deliver to the Grantors an instrument in writing in recordable form releasing the collateral pledge, grant, assignment, lien and security interest in the Patents under this Patent Security Agreement.

SECTION 5. <u>Counterparts</u>. This Patent Security Agreement may be executed in any number of counterparts, all of which shall constitute one and the same instrument, and any party hereto may execute this Patent Security Agreement by signing and delivering one or more counterparts.

SECTION 6. Governing Law. This Patent Security Agreement and the transactions contemplated hereby, and all disputes between the parties under or relating to this Patent Security Agreement or the facts or circumstances leading to its execution, whether in contract, tort or otherwise, shall be construed in accordance with and governed by the laws (including statutes of limitation) of the State of New York, without regard to conflicts of law principles that would require the application of the laws of another jurisdiction.

[Signature Page Follows]

IN WITNESS WHEREOF, each Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

GRANTORS:

KEMET CORPORATION

By:

Name: William M. Lowe Ar.

Title: Executive Vice President and Chief

Financial Officer

KEMET ELECTRONICS CORPORATION

By:

Name: William M. Lywe, Ir.

Title: Executive Vice President and Chief

Financial Officer

KEMET BLUE POWDER CORPORATION

Sy:

Name: Charles C. Meeks, Jr.

Title: President

[Signature Page to Term Loan Patent Security Agreement]

IN WITNESS WHEREOF, each Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

Very truly yours,

**GRANTORS:** 

KEMET CORPORATION

By:

Name: William M. Lowe, Jr.

Title: Executive Vice President and Chief

Financial Officer

KEMET ELECTRONICS CORPORATION

Ву:

Name: William M. Lowe, Jr.

Title: Executive Vice President and Chief

Financial Officer

KEMET BLUE POWDER CORPORATION

Ву:

Name: Charles C. Meek

[Signature Page to Term Loan Patent Security Agreement]

Accepted and Agreed:

BANK OF AMERICA, N.A., as Collateral Agent

By:

Name: Christine Trotter Title: Assistant Vice President

Patent Security Agreement Signature Page

# SCHEDULE I to PATENT SECURITY AGREEMENT PATENT REGISTRATIONS AND PATENT APPLICATIONS

## **Patent Registrations:**

Owner	Registration Number	Name
Kemet Electronics Corporation	7116548	FLUTED ANODE WITH MINIMAL DENSITY GRADIENTS AND CAPACITOR COMPRISING SAME
Kemet Electronics Corporation	9472342	Leadless Multi-Layered Ceramic Capacitor Stacks
Kemet Electronics Corporation	7280342	Low Inductance High ESR Capacitor
Medtronic, Inc. / Kemet Electronics Corporation	7079377	Capacitor and Method for Producing A Capacitor
Kemet Electronics Corporation	7923395	COG MULTI-LAYERED CERAMIC CAPACITOR
Kemet Electronics Corporation / Medtronic, Inc.	8346355	CAPACITOR REFORMATION METHOD AND APPARATUS
Medtronic, Inc. / Kemet Electronics Corporation	7667954	Capacitor
Kemet Electronics Corporation	7277269	Refractory Metal Nickel Electrodes for Capacitors
Kemet Electronics Corporation	9142353	Discharge Capacitor
Kemet Electronics Corporation	7342775	Fluted Anode with Minimal Density Gradients and Capacitor Comprising Same

X		
Owner	Registration Number	Name
Kemet Electronics Corporation	8057883	Abrasive Process for Modifying Corners, Edges, and Surfaces of Capacitor Anode Bodies
Kemet Electronics Corporation	8111524	Electronic Passive Device
Kemet Electronics Corporation	8947852	INTEGRATED EMI FILTER AND SURGE PROTECTION COMPONENT
Kemet Electronics Corporation / Medtronic, Inc.	8036740	Wet-Tantalum Reformation Method and Apparatus
Kemet Electronics Corporation / Medtronic, Inc.	7499260	Capacitor and Method for Producing A Capacitor
Kemet Electronics Corporation	9583273	SOLID ELECTROLYTIC CAPACITOR AND METHOD OF MANUFACTURING A SOLID ELECTROLYTIC CAPACITOR
Kemet Electronics Corporation	8441265	APPARATUS AND METHOD FOR SCREENING ELECTROLYTIC CAPACITORS
Kemet Electronics Corporation	9576734	VERTICAL STACK APPROACH IN LOW PROFILE ALUMINUM SOLID ELECTROLYTIC CAPACITORS
Kemet Electronics Corporation	D586767	Anodes with Transition Surfaces
Kemet Electronics Corporation	8896985	Solid Electrolytic Capacitors with Improved Reliability
Kemet Electronics Corporation	8339769	METHOD OF PRODUCING A CAPACITOR
Kemet Electronics Corporation	8717774	Electronic Passive Device
Kemet Electronics Corporation	8713770	Capacitor Comprising Flex Crack Mitigation Voids

Kemet Electronics9236191MCorporationElKemet Electronics8323361H	tronics 9236191		Kemet Electronics 7670981 Corporation	Kemet Electronics 8910356 M	Kemet Electronics 7081141 Electronic, Inc.	Kemet Electronics 7990683 H:	Kemet Electronics 8268019 M	Kemet Electronics 6699431 M	Kemet Electronics 7780835 PP	Kemet Electronics Corporation / Medtronic, Inc. 7544218 D		Owner Registration Number
Thermal Dissipating Capacitor and Electrical Component Comprising Same	High Voltage and High Efficiency Polymer Electrolytic Capacitors	Materials and Methods for Improving Corner and Edge Coverage of Solid Electrolytic Capacitors	COG MULTI-LAYERED CERAMIC CAPACITOR	Method of Attaching an Electronic Device to an MLCC Having a Curved Surface	Electrolyte for Electrolytic Capacitor	High Voltage Solid Electrolytic Capacitors Using Conductive Polymer Slurries	Method for Making Capacitor Element	Method of Producing an Anode for a Capacitor	Method of Making a Capacitor by Anodizing Aluminum Foil in a Glycerine- Phosphate Electrolyte without a Pre-Anodizing Hydration Step	Wet Tantalum Capacitors Usable without Reformation and Implantable Medical Devices Formed Therewith	Method of Anodizing Valve Metal Derived Anode Bodies and Electrolyte Therefor	Name

Owner	Registration Number	Name
Kemet Electronics Corporation	9524829	Solid Electrolytic Capacitor and Improved Method for Manufacturing a Solid Electrolytic Capacitor
Kemet Electronics Corporation	9053866	Solid Electrolytic Capacitor and Method of Manufacturing the Same
Kemet Electronics Corporation	8308825	High Volumertric Efficiency Anodes for Electrolytic Capacitors
Kemet Electronics Corporation	9490072	Method of Making a High Capacitance Multilayer Capacitor with High Voltage Capability
Kemet Electronics Corporation	8410536	Substrate with Embedded Patterned Capacitance
Kemet Electronics Corporation	8652920	Substrate with Embedded Patterned Capacitance
Kemet Electronics Corporation	7916451	COG MULTI-LAYERED CERAMIC CAPACITOR
Kemet Electronics Corporation	D616388	Design for Edge and Corner Modified Anodes
Kemet Electronics Corporation	D599309	Design for Edge and Corner Modified Anodes
Kemet Electronics Corporation	6493213	Anode for Electrolytic Capacitors. Electrolytic Capacitor and Method of ET AL,
Kemet Electronics Corporation	7190571	Chip Capacitor and Method for the Production Thereof
Kemet Electronics Corporation	6162345	Method of Anodizing a Metal Anode Prepared from a Very Fine Metal Powder (CKP Electrolyte)
Kemet Electronics Corporation	6391379	Process of Preparing a Solid Electrolytic Capacitor Containing a Conductive Polymer Counter Electrode

Owner	Registration Number	Name
Kemet Electronics Corporation	7495890	Method for Improving Cathode Connection Integrity in Solid Electrolytic Capacitors Using Secondary Adhesive
Kemet Electronics Corporation	6475368	Method of Aqueous Anodizing of Aluminum Substrates of Solid Capacitors
Kemet Electronics Corporation	7754276	Process for Manufacturing Low ESR Conductive Polymer Based Solid Electrolytic Capacitors
Kemet Electronics Corporation	9030807	Materials and Methods for Improving Corner and Edge Coverage of Solid Electrolytic Capacitors
Kemet Electronics Corporation	8470680	Substrate with Embedded Patterned Capacitance
Kemet Electronics Corporation	7691177	Method and an Apparatus of Plasma Processing of Tantalum Particles
Kemet Electronics Corporation	9147530	POLYMER HERMETICALLY SEALED TANTALUM CAPACITORS WITH HIGH STABILITY AT ELEVATED TEMPERATURES
Kemet Electronics Corporation	8576537	Capacitor Comprising Flex Crack Mitigation Voids
Kemet Electronics Corporation	8310815	High Voltage and High Efficiency Polymer Electrolytic Capacitors
Kemet Electronics Corporation	8125766	Concentrated Capacitor Assemblies
Kemet Electronics Corporation	9378898	LINEAR-HYPERBRANCHED POLYMERS AS PERFORMANCE ADDITIVES FOR SOLID ELECTROLYTIC CAPACITORS
Kemet Electronics Corporation	7563290	High Voltage Solid Electrolytic Capacitors Using Conductive Polymer Slurries

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Owner	Kegistration Number	Name
Kemet Electronics Corporation	9312074	Solid Electrolytic Capacitor with Interlayer Crosslinking
Kemet Electronics Corporation	9087648	Asymmetric High Voltage Capacitor
Kemet Electronics Corporation	8349030	Method for Making Anodes for High Voltage Electrolytic Capacitors with High Volumetric Efficiency and Stable D.C. Leakage
Kemet Electronics Corporation	8988857	High Aspect Ratio Stacked MLCC Design
Kemet Electronics Corporation / Motorola, Inc	7745281	Thin Solid Electrolytic Capacitor Embeddable in a Substrate
Kemet Electronics Corporation	9287844	Surface Mountable Multi-Layer Ceramic Filter
Kemet Electronics Corporation	8885324	OVERVOLTAGE PROTECTION COMPONENT
Kemet Electronics Corporation	9357634	COEFFICIENT OF THERMAL EXPANSION COMPENSATING COMPLIANT COMPONENT
Kemet Electronics Corporation	8873219	Method for Stacking Electronic Components
Kemet Electronics Corporation	9171672	STACKED LEADED ARRAY
Kemet Electronics Corporation	8848343	Solid Electrolytic Capacitor and Method for Manufacturing Same
Kemet Electronics Corporation	8062385	Solid Electrolytic Capacitor with Improved Volumetric Efficiency Method Making
Kemet Electronics Corporation	8902567	Conductive Polymer Dispersions for Solid Electrolytic Capacitors

Owner	Registration Number	Name
Kemet Electronics Corporation	7929274	Capacitor with Sacrificial Lead Wire Configuration and Improved Manufacturing Method Thereof
Kemet Electronics Corporation	8264816	Externally Fused and Resistively Loaded Safety Capacitor
Medtronic, Inc	7002790	Capacitor in an Implantable Medical Device
Kemet Electronics Corporation / Medtronic, Inc	6859354	Electrolyte for an Electrochemical Capacitor
Kemet Electronics Corporation	9190214	SOLID ELECTROLYTIC CAPACITORS WITH IMPROVED ESR STABILITY
Medtronic, Inc / Kemet Electronics Corporation	6801424	Electrolytic Capacitor For Use in an Implantable Medical Device
Medtronic, Inc / Kemet Electronics Corporation	6819544	Dual-Anode Electrolytic Capacitor for Use In an Implantable Medical Device
Kemet Electronics Corporation / Medtronic, Inc	6842328	Capacitor and Method for Producing a Capacitor (Note: Universal Cathode Path)
Kemet Electronics Corporation	7554793	Low Temperature Curable Conductive Adhesive and Capacitors Formed Thereby
Medtronic, Inc / Kemet Electronics Corporation	6807048	Electrolytic Capacitor For Use in an Implantable Medical Device
Kemet Electronics Corporation	6334966	Chemical Oxidative Preparation of Conductive Polymers Dry Process
Kemet Electronics Corporation	9343239	Solid Electrolytic Capacitor and Improved Method for Manufacturing a Solid Electrolytic Capacitor
Kemet Electronics / Medtronic, Inc	6788523	Electrolyte for Electrolytic Capacitor

Owner	Registration	
	Number	Name
Kemet Electronics Corporation	8896986	Method of Improving Electromechanical Integrity of Cathode Coating to Cathode Termination Interfaces in Solid Electrolytic Capacitors
Kemet Electronics Corporation	6845004	Protecting Resin-Encapsulated Components
Kemet Electronics Corporation	9362056	SOLID ELECTROLYTIC CAPACITOR WITH HIGH TEMPERATURE LEAKAGE STABILITY
Kemet Electronics Corporation / Medtronic, Inc	7917217	Wet Tantalum Reformation Method and Apparatus
Kemet Electronics Corporation	7605048	METHOD FOR FORMING A CAPCITOR HAVING A COPPER ELECTRODE AND A HIGH SURFACE AREA ALUMINUM INNER LAYER
Kemet Electronics Corporation	6629344	Method for Making Impregnated Electrical Components
Medtronic, Inc / Kemet Electronics Corporation	7256982	Electrolytic Capacitor
Kemet Electronics Corp	5973907	Multiple Element Capacitor Ta and Cer array for high frequency
Kemet Electronics Corporation	6072694	Electrolytic Capacitor with Improved Leakage and Dissipation Factor
Kemet Electronics Corporation	6136176	Capacitor With Conductive Polymer
Kemet Electronics Corporation	7658986	Anodes with Corner-Cut-Edge and Modified Designs
Kemet Electronics Corporation	8675349	STACK CAPACITOR HAVING HIGH VOLUMETRIC EFFICIENCY
Kemet Electronics Corporation	8310816	Solid Electrolytic Capacitors with Improved Reliability

Owner	Registration Number	Name
Kemet Electronics Corporation	6334945	Aging Process For Solid Electrode Capacitor
Kemet Electronics Corporation	8885319	High Capacitance Multilayer with High Voltage Capability
Kemet Electronics Corporation	7958627	Method of Attaching Electronic Device to a Substrate Having a Curved Surface
Kemet Electronics Corporation	9025311	VERY LARGE CERAMIC CAPACITOR WITH MECHANICAL SHOCK RESISTANCE
Kemet Electronics Corporation	8842418	SOLID ELECTROLYTIC CAPACITOR AND METHOD OF MANUFACTURING A SOLID ELECTROLYTIC CAPACITOR
Kemet Electronics Corporation / NEC Tokin Corporation	9293263	Solid Electrolytic Capacitor
Kemet Electronics Corporation	7671603	Screening of Electrolytic Capacitors
Kemet Electronics Corporation	8808403	Process For Manufacturing Capacitors Using Polymer Slurries
Kemet Electronics Corporation	8902565	Electronic Component Termination And Assembly by Means of Transient Liquid Phase Sintering And Polymer Solder Pastes
Kemet Electronics Corporation	8771381	PROCESS FOR PRODUCING ELECTROLYTIC CAPACITORS AND CAPACITORS MADE THEREBY
Kemet Electronics Corporation	7207103	Powder Compaction Press and Method for Manufacturing of Capacitor Anodes
Kemet Electronics Corporation	7292429	Low Inductance Capacitor
Kemet Electronics Corporation	8520366	Solid Electrolytic Capacitor and Method of Manufacturing the Same

Owner	Registration	
	Number	Name
Kemet Electronics Corporation	7833292	Channel Method for Forming a Capacitor
Kemet Electronics Corporation	7164573	HIGH ESR OR FUSED CERAMIC CHIP CAPACITOR
Kemet Electronics Corporation	7161796	Surface-Mountable Component and Method for the Production Thereof : Method of Anodizing Valve Metal Derived Anode Bodies and Electrolyte Therefor
Kemet Electronics Corporation	7154742	Narrow Fluted Anode
Kemet Electronics Corporation	8331078	Leaded Multi-Layer Ceramic Capacitor Low ESL and Low ESR
Kemet Electronics Corporation	7054137	Refractory Metal Electrode Additions for Thin Electrode BME Caps
Kemet Electronics Corporation	6917510	EXTENDED Terminal Ceramic SMD Flip - Chip Ceramic Capacitor Clip-on-lead frame for Large Ceramic SMD Chips Eliminate Flex Cracks
Kemet Electronics Corporation	6903920	Clip-on Lead Frame for Large Ceramic SMD
KEMET Electronics Corporation	8503165	Solid electrolytic capacitors with improved reliability
KEMET Electronics Corporation	8379371	Utilization of moisture in hermetically sealed solid electrolytic capacitor and capacitors made thereof
KEMET Electronics Corporation	8760848	Concentrated capacitor assembly
KEMET Electronics Corporation	8840685	Solid electrolytical capacitors with improved ESR stability
KEMET Electronics Corporation	8982536	Anode geometry with improved volumetric efficiency and improved ESR

Multiple Electronic Components; Combination Capacitor and Zener Diode	/033293	NEMET Electronics
	7000	Corporation
Method and Electrolyte for Anodizing Valve Metals	6149793	KEMET Electronics
Phosphate Solution		Corporation
Surface Mount Aluminum Capacitor Having Anode Foil Anodized in an Aqueous	6459565	KEMET Electronics
		Corporation
Protecting Resin-Encapsulated Components claims 11 - 16 (Divisional of - 07)	7125429	KEMET Electronics
		Corporation
Embedded Capacitors and Methods for their Fabrication and Connection	7361568	KEMET Electronics
Stack Capacitor Having High Volumetric Efficiency	9484156	KEMET Electronics Corporation
Low Energy Milling to Produce Flake Powders	9514890	KEMET Electronics Corporation
Polymerization method for preparing conductive polymer	9030806	KEMET Electronics Corporation
lion Name	Registration Number	Owner

OWNERAPPLICATION NUMBERNAMEKemet Electronics Corporation14/193293Electronic Component Termination and Assembly by Means of Transient Liquid Phase Sintering Metalurgical BondsKemet Electronics Corporation14/096605MULTI-LAYERED CERAMIC CAPACITORS WITH SOFT LEADED MODULEKemet Electronics Corporation14/183633Low ESR Capacitor			Patent Applications:
tronics 14/193293 Electronic Component Termination Liquid Phase Sintering Metalurgica MULTI-LAYERED CERAMIC CAMODULE MODULE  tronics 14/183633 Low ESR Capacitor	OWNER	APPLICATION NUMBER	NAME
tronics 14/096605 tronics 14/183633	Kemet Electronics Corporation	14/193293	Electronic Component Termination and Assembly by Means of Transient Liquid Phase Sintering Metalurgical Bonds
tronics   14/183633	Kemet Electronics Corporation	14/096605	MULTI-LAYERED CERAMIC CAPACITORS WITH SOFT LEADED MODULE
	Kemet Electronics Corporation		Low ESR Capacitor

OWNER	APPLICATION	NAME
Kemet Electronics Corporation	14/162268	SOLID ELECTROLYTIC CAPACITOR AND METHOD OF MANUFACTURE
Kemet Electronics Corporation	13/959995	Method of Improving Electromechanical Integrity of Cathode Coating to Cathode Termination Interfaces in Solid Electrolytic Capacitors
Kemet Electronics Corporation	15/083381	Solid Electrolytic Capacitor and Improved Method for Manufacturing a Solid Electrolytic Capacitor
Kemet Electronics Corporation	14/743195	Solid Electrolytic Capacitor with Interlayer Crosslinking
Kemet Electronics Corporation	15/149309	Electronic Component Termination and Assembly by Means of Transient Liquid Phase Sintering Metallurgical Bond
Kemet Electronics Corporation	14/482384	Conductive Polymer Dispersions for Solid Electrolytic Capacitors
Kemet Electronics Corporation	14/182400	SOLID ELECTROLYTIC CAPACITOR AND METHOD OF MANUFACTURING A SOLID ELECTROLYTIC CAPACITOR
Kemet Electronics Corporation	15/443787	Capacitor Array and Method of Manufacturing
Kemet Electronics Corporation	14/152389	Method for Stacking Electronic Components
Kemet Electronics Corporation	14/166259	SINTERING OF HIGH TEMPERATURE CONDUCTIVE AND RESISTIVE PASTES ONTO TEMPERATURE SENSITIVE AND ATMOSPHERIC SENSITIVE MATERIALS
Kemet Electronics Corporation	14/498514	Multilayered Ceramic Capacitor with Improved Lead Frame Attachment

OWNER	APPLICATION	NAME
Kemet Electronics Corporation	15/149720	Linear-Hyperbranched Polymers as Performance Additives for Solid Electrolytic Capacitors
Kemet Electronics Corporation	14/339200	CONDUCTIVE POLYMER COMPOSITION WITH DUAL CROSSLINKER SYSTEM FOR CAPACITORS
Kemet Electronics Corporation	15/379729	CONDUCTING POLYMER DISPERSION WITH ENHANCED COVERAGE
Kemet Electronics Corporation	15/263812	Methods to Reduce Case Height for Capacitors
Kemet Electronics Corporation	15/188141	Capacitor PCB Spacer
Kemet Electronics Corporation	15/187451	Component Stability Structure
Kemet Electronics Corporation	14/672292	A Process to Improve Coverage and Electrical Performance of Solid Electrolytic Capacitors
Kemet Electronics Corporation	14/853493	Improved Tantalum Capacitor with Polymer Cathode
Kemet Electronics Corporation	15/090165	CAPACITOR WITH VOLUMETRICALLY EFFICIENT HERMETIC PACKAGING
Kemet Electronics Corporation	14/180946	ONE SIDED ANODE FOIL
Kemet Electronics Corporation	14/180842	Capacitor Array and Method of Manufacturing

KEMET Electronics Corporation	KEMET Electronics Corporation	KEMET Electronics Corporation	KEMET Electronics Corporation	KEMET Electronics Corporation	KEMET Electronics Corporation	Kemet Electronics Corporation	Kemet Electronics Corporation / NEC Tokin Corporation	Kemet Electronics Corporation	Kemet Electronics Corporation	Kemet Electronics Corporation	OWNER
15/090692	15/013307	14/993374	14/925056	14/717414	14/661662	13/542375	14/558892	14/470319	14/525603	11/803952	APPLICATION NUMBER
Method of Producing Solid Electrolytic Capacitor and Capacitor Made Thereby	Hybrid Capacitor with Enhanced Reliability	Cathode Materials Containing Core Shell Nanoparticles	Leadless Multi-Layered Ceramic Capacitor Stacks	Capacitor with Charge Time Reducing Additives and Work Function Modifiers	Polymerization Method for Preparing Conductive Polymer	SINTERING OF HIGH TEMPERATURE CONDUCTIVE AND RESISTIVE PASTES ONTO TEMPERATURE SENSITIVE AND ATMOSPHERIC SENSITIVE MATERIALS	Solid Electrolytic Capacitor	Preparation of Conjugated Dimer and Products Formed Therefrom	CERAMIC CAPACITORS WITH IMPROVED LEAD DESIGNS	Use of Conjugated Oligomer as Additive for Forming Conductive Polymers	NAME

OWNER	APPLICATION	NAME
KEMET Electronics Corporation	15/285210	Electronic Component Structures with Reduced Microphonic Noise
KEMET Electronics Corporation	15/381526	Utilizing membrane for Encapsulant Thickness Control
KEMET Electronics Corporation	15/338577	Low Energy Milling to Produce Flake Powders
KEMET Electronics Corporation	15/264305	Bulk MLCC Capacitor Module
KEMET Electronics Corporation	15/095902	Hybrid Capacitor and Method of Manufacturing a Capacitor
KEMET Electronics Corporation	15/094201	Conductive Polymer Composition with a Dual Crosslinker System for Capacitors
KEMET Electronics Corporation	15/013171	SOLID ELECTROLYTIC CAPACITOR WITH ENHANCED HUMIDITY RESISTANCE AND METHOD FOR PRODUCING THE SAME
KEMET Electronics Corporation	15/007355	Method for Stacking Electronic Components
KEMET Electronics Corporation	14/963766	Multiple MLCC Modules
KEMET Electronics Corporation	14/871402	SOLID ELECTROLYTIC CAPACITOR WITH HIGH TEMPERATURE LEAKAGE STABILITY
KEMET Electronics Corporation	14/609591	Utilization of Moisture in Hermetically Sealed Solid Electrolytic Capacitor and Capacitors Made Thereof

PATENT
RECORDED: 05/22/2017 REEL: 042523 FRAME: 0665