

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM299811

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Certificate of Conversion		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
Communications & Power Industries, Inc.		02/11/2011	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	Communications & Power Industries LLC		
Street Address:	811 Hansen Way		
City:	Palo Alto		
State/Country:	CALIFORNIA		
Postal Code:	94304		
Entity Type:	LIMITED LIABILITY COMPANY: DELAWARE		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	1230935	KLYSTRODE	
Registration Number:	2522865	AUTOWAVE	
CORRESPONDENCE DATA			
Fax Number:	9177777373		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	212-735-3000		
Email:	andrew.patrick@skadden.com		
Correspondent Name:	Skadden Arps Slate Meagher & Flom LLP		
Address Line 1:	Four Times Square		
Address Line 2:	Attn: Rebecca Rodal, Esq.		
Address Line 4:	New York, NEW YORK 10036		
ATTORNEY DOCKET NUMBER:	147070/7		
NAME OF SUBMITTER:	Rebecca Rodal		
SIGNATURE:	/rebecca rodal/		
DATE SIGNED:	03/31/2014		
Total Attachments: 12			
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Delaware

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The First State

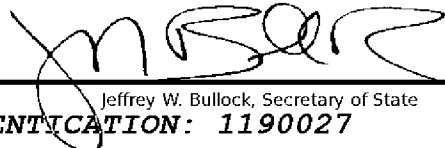
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY "COMMUNICATIONS & POWER INDUSTRIES LLC" IS DULY FORMED UNDER THE LAWS OF THE STATE OF DELAWARE AND IS IN GOOD STANDING AND HAS A LEGAL EXISTENCE SO FAR AS THE RECORDS OF THIS OFFICE SHOW, AS OF THE SEVENTH DAY OF MARCH, A.D. 2014.

AND I DO HEREBY FURTHER CERTIFY THAT THE ANNUAL TAXES HAVE BEEN PAID TO DATE.

2515190 8300

140304387




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 1190027

DATE: 03-07-14

You may verify this certificate online
at corp.delaware.gov/authver.shtml

TRADEMARK
REEL: 005248 FRAME: 0026

Delaware

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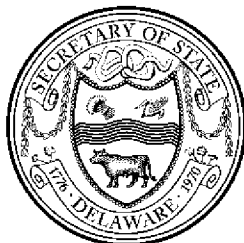
The First State

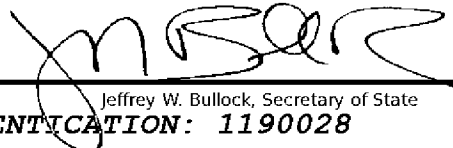
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "COMMUNICATIONS & POWER INDUSTRIES, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "COMMUNICATIONS & POWER INDUSTRIES, INC." TO "COMMUNICATIONS & POWER INDUSTRIES LLC", FILED IN THIS OFFICE ON THE ELEVENTH DAY OF FEBRUARY, A.D. 2011, AT 8:48 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF CONVERSION IS THE ELEVENTH DAY OF FEBRUARY, A.D. 2011, AT 8:49 O'CLOCK A.M.

2515190 8100V

140304387




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 1190028

DATE: 03-07-14

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TRADEMARK
REEL: 005248 FRAME: 0027

Delaware

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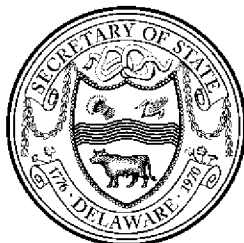
The First State

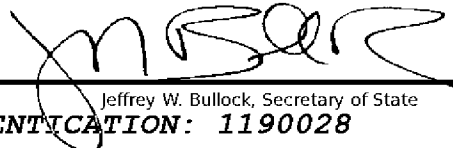
I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF CERTIFICATE OF FORMATION OF "COMMUNICATIONS & POWER INDUSTRIES LLC" FILED IN THIS OFFICE ON THE ELEVENTH DAY OF FEBRUARY, A.D. 2011, AT 8:48 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF FORMATION IS THE ELEVENTH DAY OF FEBRUARY, A.D. 2011, AT 8:49 O'CLOCK A.M.

2515190 8100V

140304387




Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 1190028

DATE: 03-07-14

You may verify this certificate online
at corp.delaware.gov/authver.shtml

TRADEMARK
REEL: 005248 FRAME: 0028

**CERTIFICATE OF CONVERSION
FROM A CORPORATION
TO LIMITED LIABILITY COMPANY**

Pursuant to Sections 18-204 and 18-214 of the
Delaware Limited Liability Company Act
and Section 266 of the
General Corporation Law of the State of Delaware

1. The name of the Corporation immediately prior to the filing of this Certificate of Conversion is Communications & Power Industries, Inc. The Corporation was originally incorporated under the same name.

2. The Corporation was originally incorporated on the 12th day of June, 1995, under the laws of the State of Delaware. The Corporation's jurisdiction of incorporation immediately prior to the filing of this Certificate of Conversion is the State of Delaware.

3. The name of the limited liability company into which the Corporation shall be converted, as set forth in its Certificate of Formation, is Communications & Power Industries LLC.

4. The Conversion has been approved in accordance with the provisions of Section 266 of the General Corporation Law of the State of Delaware.

5. This Certificate of Conversion shall be effective at 8:49 a.m. on February 11, 2011.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the Corporation has caused this
Certificate of Conversion to be executed in its name this 10th day of February, 2011.

COMMUNICATIONS & POWER
INDUSTRIES, INC.

By: /s/ Robert A. Fickett
Name: Robert A. Fickett
Title: Authorized Officer

CERTIFICATE OF FORMATION

OF

COMMUNICATIONS & POWER INDUSTRIES LLC

1. The name of the limited liability company is
Communications & Power Industries LLC.
2. The address of its registered office in the State of Delaware
is 615 South DuPont Highway, in the City of Dover, County of Kent. The name of its
registered agent at such address is National Corporate Research, Ltd.
3. This Certificate of Formation shall be effective at 8:49 a.m.
on February 11, 2011.

IN WITNESS WHEREOF, the undersigned has executed this Certificate
of Formation this 10th day of February, 2011.

By: /s/ Robert A. Fickett
Name: Robert A. Fickett
Title: Authorized Person

CPI Conversion IP Schedule

Patents

Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Registered Holder	Status
Method And Apparatus For Magnetic Focusing Of Off-Axis Electron Beam	U.S.	10/192772	07/09/02	6,856,081	02/15/05	Communications & Power Industries, Inc.	Issued
Method And Apparatus For Magnetic Focusing Of Off-Axis Electron Beam (Division)	U.S.	10/996180	11/22/04	7,005,789	02/28/06	Communications & Power Industries, Inc.	Issued
Method of and apparatus for heating a reaction vessel with microwave energy	U.S.	08/236759	04/29/94	5,532,462	07/02/96	Communications & Power Industries, Inc.	Issued
Adaptive Heater Voltage Algorithm and Control System for Setting and Maintenance of the Heater Voltage of a Vacuum Electron Device	U.S.	09/629,315	07/31/00	6,456,009	09/24/02	Communications & Power Industries	Issued

Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Registered Holder	Status
Two State Power Converter with Interleaved Buck Regulators	U.S.	09/574,712	05/18/00	6,211,657	04/03/01	Communications & Power Industries	Issued
A Multiple Stage Depressed Collector (MSDC) Klystron-Based Amplifier for Ground-Based Satellite and Terrestrial Communications	U.S.	09/668,008	09/21/00	6,552,490	04/22/03	Communications & Power Industries, Inc.	Issued
Crossed Field Device	U.S.	09/259,643	02/26/99	6,236,161	05/22/01	Communications & Power Industries, Inc.	Issued
Crossed Field Amplifier with Multipactor Suppression	U.S.	09/455,886	12/06/99	6,437,510	08/20/02	Communications & Power Industries, Inc.	Issued
Microwave Applicator for Heating a Moving Fluid	U.S.	10/160,666	05/30/02	6,740,858	05/25/04	Communications & Power Industries, Inc.	Issued
Waveguide Foreign Object Damage Prevention Window	U.S.	10/222,255	08/16/02	6,867,401	03/15/05	Communications & Power Industries, Inc.	Issued
Cover Assembly for Vacuum Electronic Device	U.S.	09/778,387	02/06/01	7,029,296	04/18/06	Communications & Power Industries, Inc.	Issued

Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Registered Holder	Status
Dynamic Depressed Collector	U.S.	11/347,357	02/03/06	7,368,874	05/06/08	Communications & Powers Industries, Inc., a Satcom Division	Issued
L-Band Inductive Output Tube	U.S.	10/982,192	11/04/04	7,145,297	12/05/06	Communications & Power Industries, Inc.	Issued
Breach Lock	U.S.	11/370,708	03/07/06	7,384,293	6/10/08	Communications & Power Industries, Inc.	Issued
Mechanism Seating Vacuum Electron Device							
Radio Frequency Isolation System and Cover Assembly for Vacuum Electron Device	U.S.	11/370,429	03/07/06	7,359,206	04/15/08	Communications & Power Industries, Inc.	Issued
High Voltage Connection for Vacuum electron device	U.S.	11/370,279	03/07/06	7,242,135	07/10/07	Communications & Power Industries, Inc.	Issued

Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Registered Holder	Status
Liquid Cooling System for Linear Beam Device Electrodes	U.S.	11/376,970	03/15/06			Communications & Power Industries, Inc.	Published
Waveguide Attenuator Having Coaxial Probes	U.S.	12/047,339	03/13/08	7,733,195	06/08/10	Communications & Power Industries, Inc.	Issued
Grid for Vacuum Electronic Device and Method for manufacture of same	U.S.	12/008,069	01/07/08	8,278,812	10/02/12	Communications & Power Industries, Inc.	Issued
Dynamic Depressed Collector	U.S.	12/075,870	03/14/08	7,888,873	02/15/11	Communications & Power Industries, Inc.	Issued
Multiple stage depressed collector (MSDC) kly- ston based amplifier for ground based satellite and terrestrial communications	U.S.	10/387,929	3/12/03	6,870,318	3/22/05	Communications & Power Industries, Inc.	Issued
Dynamic Plasma Driven Antenna	U.S.	08/788,818	01/23/97	5,864,322	01/26/99	Communications & Power Industries, Inc.	Issued

Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Registered Holder	Status
Low-Windload Satellite Antenna	U.S.	09/169,454	10/09/98	6,198,457	03/06/01	Communications & Power Industries, Inc.	Issued
Digital Beamforming Radar System	U.S.	10/121,964	04/12/02	6,882,311	04/19/05	Communications & Power Industries, Inc.	Issued
Plasma Phased Array Electronic Scan Antenna	U.S.	10/427,705	04/30/03	6,856,301	02/15/05	Communications & Power Industries, Inc.	Issued
Planar Scanner Antenna for High Frequency Scanning and Radar Environments	U.S.	11/933,103	10/31/07	7,868,839	01/11/11	Communications & Power Industries, Inc.	Issued
Reflective Antenna Assembly	U.S.	11/933,053	10/31/07	8,159,410	04/17/12	Communications & Power Industries, Inc.	Issued
A Deployable Phasing System for Emulating Reflective Surfaces	U.S.	11/932,785	10/31/07	7,755,564	07/13/10	Communications & Power Industries, Inc.	Issued
Adjustable Paneling System for a Phasing Structure	U.S.	11/933,063	10/31/07	7,804,464	09/28/10	Communications & Power Industries, Inc.	Issued

Title	Country	Application No.	Filing Date	Patent No.	Issue Date	Registered Holder	Status
Gun-Only Magnet Used For a Multi-Stage De-pressed Collector Kly-stron	U.S.	09/649,479	08/28/00	6,777,877	08/17/04	Communications & Power Industries, Inc.	Issued

Trademarks

Registered Holder	Mark	Jurisdiction	App./Reg. No.	Status
Communications & Power Industries, Inc.	KLYSTRODE	U.S.	1,230,935	Registered
Communications & Power Industries, Inc.	AUTOWAVE	U.S.	2,522,865	Registered