

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHN B. OVERSTREET	09/03/2014
MICHAEL J. CASCONI	09/03/2014
JOHN A. LAZAR	09/03/2014
LOUIS R. FALCE	09/03/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COMMUNICATIONS & POWER INDUSTRIES LLC
<b>Street Address:</b>	607 HANSEN WAY
<b>City:</b>	PALO ALTO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94304
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14300214
<b>CORRESPONDENCE DATA</b>	
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<b>Phone:</b>	(650) 320-7700
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<b>ATTORNEY DOCKET NUMBER:</b>	SATC-0009 (433225-018)
<b>NAME OF SUBMITTER:</b>	DAVID B. RITCHIE
<b>SIGNATURE:</b>	/david b. ritchie/
<b>DATE SIGNED:</b>	09/03/2014
<b>Total Attachments: 5</b>	
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**PATENT**

**REEL: 033660 FRAME: 0699**

**ASSIGNMENT**

WHEREAS, we, John B. Overstreet, a citizen of the United States of America, residing in Los Gatos, California; Michael J. Cascone, a citizen of the United States of America, residing in Sunnyvale, California; John A. Lazar, a citizen of the United States of America, residing in Menlo Park, California; and Louis R. Falce, a citizen of the United States of America, residing in Surprise, Arizona, have invented a "*Predicting the End of Service Life for a Vacuum Electron Device*" for which we have executed application papers for a U.S. patent thereon, which was filed on June 9, 2014, serial no. 14/300,214; and

WHEREAS, Communications & Power Industries LLC, a Delaware Limited Liability Company, having a place of business located at 607 Hansen Way, Palo Alto, California 94304, is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, we, John B. Overstreet, Michael J. Cascone, John A. Lazar and Louis R. Falce, do sell, assign, transfer and set over unto said Communications & Power Industries LLC, its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention, in any or all continuation, continuation-in-part, divisional and/or converted utility and design patent applications and resulting Letters Patents; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Communications & Power Industries LLC, its successors and assigns, in accordance with this Assignment.

[ASSIGNMENT CONTINUATION]

Re: U.S. Patent Application entitled: *Predicting the End of Service Life for a Vacuum Electron Device*

Inventor: John B. Overstreet

WITNESS MY HAND at PALO ALTO, CALIFORNIA, this  
(city, state)  
THIRD day of SEPTEMBER, 2014.  
(date) (month) (year)

John B. Overstreet  
John B. Overstreet

State of California )  
County of \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_, a Notary Public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Affix seal here]

\_\_\_\_\_  
Signature of Notary Public

[ASSIGNMENT CONTINUATION]

Re: U.S. Patent Application entitled: *Predicting the End of Service Life for a Vacuum Electron Device*

Inventor: Michael J. Cascone

WITNESS MY HAND at Palo Alto, CA, this  
3<sup>rd</sup> day of September, 2014.  
(date) (city, state) (month) (year)

Michael J. Cascone  
Michael J. Cascone

State of California )  
County of Santa Clara ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_, a Notary Public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Affix seal here]

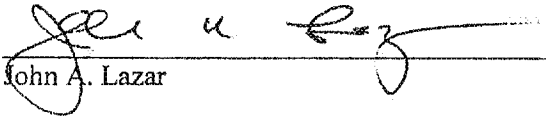
\_\_\_\_\_  
Signature of Notary Public

[ASSIGNMENT CONTINUATION]

Re: U.S. Patent Application entitled: *Predicting the End of Service Life for a Vacuum Electron Device*

Inventor: John A. Lazar

WITNESS MY HAND at Palo Alto, CA, this  
(city, state)  
3rd day of September, 2014.  
(date) (month) (year)

  
John A. Lazar

State of California )  
County of \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_, a Notary Public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Affix seal here]

\_\_\_\_\_  
Signature of Notary Public

[ASSIGNMENT CONTINUATION]

Re: U.S. Patent Application entitled: *Predicting the End of Service Life for a Vacuum Electron Device*

Inventor: Louis R. Falce

WITNESS MY HAND at SURPRISE, AZ, this  
(city, state)  
3 day of SEPT., 2014.  
(date) (month) (year)

Louis R Falce

Louis R. Falce

State of Arizona )  
County of \_\_\_\_\_ ) ss.

On \_\_\_\_\_ before me, \_\_\_\_\_, a Notary Public, personally appeared \_\_\_\_\_, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Arizona that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Affix seal here]

Signature of Notary Public