505591800 07/26/2019 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5638600

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ATA		
		Name	Execution Date
ALAN P. BOONE			07/26/2019
BRANDON C. HAMILTO	N		07/26/2019
KYLE B. SNYDER			07/26/2019
BRYAN M. JEFFERSON			07/26/2019
RECEIVING PARTY DA	ТА		
Name:	ROCKV	VELL COLLINS, INC.	
Street Address:	400 CC	DLLINS ROAD, NE	
City:	CEDAF	RAPIDS	
State/Country:	IOWA		
Postal Code:	52498		
PROPERTY NUMBERS	Total: 1		
		Number	
Property Type		Number	
Property Type Application Number:		16523216	
Application Number:	ΑΤΑ	16523216	
Application Number: CORRESPONDENCE D Fax Number:	ΑΤΑ	(402)496-0333	
Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i>	ATA e sent to	16523216	
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Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	ATA e sent to provided	16523216 (402)496-0333 • <i>the e-mail address first; if that is u</i> <i>I; if that is unsuccessful, it will be s</i> 402.496.0300 file@suiter.com	ent via US Mail.
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Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if µ</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provided	16523216 (402)496-0333 • the e-mail address first; if that is u !; if that is unsuccessful, it will be s 402.496.0300 file@suiter.com ROCKWELL COLLINS, INC./SUITER 14301 FNB PARKWAY SUITE 220 OMAHA, NEBRASKA 68154	ent via US Mail.
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ASSIGNMENT OF INVENTION

WHEREAS, Alan P. Boone, of Swisher, County of J J h r S J h and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

ELECTRICAL DEVICE WITH THERMALLY CONTROLLED PERFORMANCE

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 19CR154, in the patent files of the inventor's employer, ROCKWELL COLLINS, INC., and which invention is covered by a patent application, executed and filed concurrently herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventor has sold, assigned and transferred and by these presents does sell, assign and transfer unto ROCKWELL COLLINS, INC., the entire right, title and interest in and to said invention in and to said application, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said ROCKWELL COLLINS, INC., for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventor had this Assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

	Executed at	Codoc R.	spils	, County of	· Ltr	1-1	and
State (st <u>Lown</u>	, this	26 day	of	14	_, 20 <u>1 </u>	
						7/Dove	
					Alan D. Boon	Nex .	

Alan P. Boone

State of)
County of	 Ì

On this 26° day of 326° , 20° , before me personally appeared Alan P. Boone to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

	(International States)	Antopontilium and a second
Sama and the second second	A A A	Mary J. Hannon Committation Member 190051 My Committee Septem <u>20 ~ h. l~l</u>

Mary J. Han	d'anna
Notary Putalit: <u>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>></u>	y, hanson
My Commission Expires:	10-21-19
Commission Number:	122222

WHEREAS, Brandon C. Hamilton, of Marion, County of ______, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

ELECTRICAL DEVICE WITH THERMALLY CONTROLLED PERFORMANCE which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 19CR154, in the patent files of the inventor's employer, ROCKWELL COLLINS, INC., and which invention is covered by a patent application, executed and filed concurrently herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventor has sold, assigned and transferred and by these presents does sell, assign and transfer unto ROCKWELL COLLINS, INC., the entire right, title and interest in and to said invention in and to said application, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said ROCKWELL COLLINS, INC., for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventor had this Assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at <u>Ceress Paeins</u>, County of <u>Lind</u> and State of <u>Tunne</u>, this <u>تار</u> day of <u>کسی</u>, 20<u>19</u>.

Brandon C. Hamilton

State of <u>To use</u>) County of <u>Lanco</u>)

On this 36^{10} day of 36^{10} day of 36^{10} , before me personally appeared Brandon C. Hamilton to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.



Mary 3 Danam	
Notary Public: Marian	
My Commission Expires: 10-23-19	
Commission Number: 19905-1	

ASSIGNMENT OF INVENTION

WHEREAS, Kyle B. Snyder, of Marion, County of <u>Linn</u>, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

ELECTRICAL DEVICE WITH THERMALLY CONTROLLED PERFORMANCE which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 19CR154, in the patent files of the inventor's employer, ROCKWELL COLLINS, INC., and which invention is covered by a patent application, executed and filed concurrently herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventor has sold, assigned and transferred and by these presents does sell, assign and transfer unto ROCKWELL COLLINS, INC., the entire right, title and interest in and to said invention in and to said application, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said ROCKWELL COLLINS, INC., for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventor had this Assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at <u>Ceder Rapids</u>, County of <u>Linn</u> and State of <u>Iowa</u>, this <u>26</u> day of <u>July</u>, 2019.

Kyle 8: Snyder

State of County of

On this $M_{\rm e}$ day of $M_{\rm e}$, 20, before me personally appeared Kyle B. Snyder to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.



<u>YYVary 3 Nan</u>	
Notary Public: YY Jary	C. J. January
My Commission Expires:	10-21-57
Commission Number:	149051

WHEREAS, Bryan M. Jefferson, of Marion, County of <u>Linn</u>, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

ELECTRICAL DEVICE WITH THERMALLY CONTROLLED PERFORMANCE which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 19CR154, in the patent files of the inventor's employer, ROCKWELL COLLINS, INC., and which invention is covered by a patent application, executed and filed concurrently herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventor has sold, assigned and transferred and by these presents does sell, assign and transfer unto ROCKWELL COLLINS, INC., the entire right, title and interest in and to said invention in and to said application, for the territory of the United States of America and for all foreign countries; said invention and application to be held and enjoyed by the said ROCKWELL COLLINS, INC., for its own use and for the use of its successors and assigns, to the full end of the term for which Letters Patent on same will be granted, as fully and entirely as the same would have been held by said inventor had this Assignment and sale not been made.

FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at	<u>Cedar Rapids</u>	, County of	Linn	and
State of	<u>a</u> , this <u>26</u>	* day of	<u>ر, 20_19</u> .	
		ý Brya	an M. Jeffe/son	<u>In</u>

State of	Iowa)
County of	Linn	ý

On this $\underline{\mathcal{M}}_{4}^{(4)}$ day of $\underline{\mathcal{J}}_{4}^{(4)}$, $\underline{\mathcal{J}}_{4}^{(4)}$, before me personally appeared Bryan M. Jefferson to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.



Mary	S Na	VALON IN	
Notary Pu	C: Mary	75 1449 66 P	
My Commis	ៅon Expires:	10-21-19	
Commission	Number:		

RECORDED: 07/26/2019