PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3941489

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LUKE E. RYON	06/29/2016
CARL J. RIECHERS	06/29/2016

RECEIVING PARTY DATA

Name:	ROCKWELL COLLINS, INC.	
Street Address:	ddress: 400 COLLINS ROAD NE	
Internal Address:	ATTN: INTELLECTUAL PROPERTY DEPT, M/S 124-323	
City:	City: CEDAR RAPIDS	
State/Country:	IOWA	
Postal Code:	52498	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15196730

CORRESPONDENCE DATA

Fax Number: (402)496-0333

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: 402.496.0300

Email: file@suiter.com

Correspondent Name: ROCKWELL COLLINS, INC./SUITER SWANTZ SUI

Address Line 1: 14301 FNB PARKWAY

Address Line 2: SUITE 220

Address Line 4: OMAHA, NEBRASKA 68154

ATTORNEY DOCKET NUMBER:	16CR300	
NAME OF SUBMITTER:	NICHOLAS R. GRENNAN	
SIGNATURE: /nicholas r grennan/		
DATE SIGNED:	06/29/2016	

Total Attachments: 2

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PATENT 503894839 REEL: 039043 FRAME: 0466

ASSIGNMENT OF INVENTION

WHEREAS, Luke E. Ryon, of Cedar Rapids, County of Line, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

DISTRIBUTED VETRONICS INTRUSTION DETECTION SYSTEM AND DEVICE which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 16CR300, 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 $\underline{\mathbb{R}}_{k}$ State of $\underline{\mathbb{T}_{k _{\mathcal{M}(k)}}}$	**** \% 4e	unty of <u>Linn</u> June	, 20½	and
		LL E	. R	
		Luke E. Ry	von	
State of <u>In</u>	<u>uc</u>)			

County of

On this 29 day of 29____, 20 $\underline{\mathscr{W}}$, before me personally appeared Luke E. Ryon to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

Susan E. Q@real) Commission Number 739156 My Commission Expires February, 15, 2019

Notary Public: / My Commission Expires: Commission Number: ___

> PATENT REEL: 039043 FRAME: 0467

ASSIGNMENT OF INVENTION

WHEREAS, Carl J. Riechers, of Lisbon, County of Jahnson and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

DISTRIBUTED VETRONICS INTRUSTION DETECTION SYSTEM AND DEVICE which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 16CR300, 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>Reckwell Collin</u>	5, County of Linn and
State of <u>lowa</u> , this <u>29</u> day	y of <u>June</u> , 2016.
	Carl J. Riechers
/	
State of OVC) County of Over)	
On this 29 day of 0100	, 20 <u>//</u> , before me personally appeared Carl
	n whose name is subscribed to the foregoing
instrument, and acknowledged to me that he	
No	otary Public: <u>DIOU/ (QUI)</u>
	y Commission Expires: <u>2-75-2018</u> ommission Number: <u>739/56</u>

RECORDED: 06/29/2016

PATENT REEL: 039043 FRAME: 0468