11/19/2018 505197483

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5244252

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER M. BIGGERS	11/19/2018
COREY R. APPLEBEE	11/19/2018

RECEIVING PARTY DATA

Name:	ROCKWELL COLLINS, INC.
Street Address:	400 COLLINS ROAD, NE
City:	CEDAR RAPIDS
State/Country:	IOWA
Postal Code:	52498

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29670694

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:	18CR418D
NAME OF SUBMITTER:	SEAN PATRICK SUITER
SIGNATURE:	/sean patrick suiter/
DATE SIGNED:	11/19/2018

Total Attachments: 2

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PATENT REEL: 047543 FRAME: 0829 505197483

ASSIGNMENT OF INVENTION

WHEREAS, Christopher M. Biggers, of North Liberty, County of Johnson and State of lowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

FLANGE-MOUNTED BLIND-MATE LINE REPLACEMENT UNIT FORM FACTOR which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 18CR418D, 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 Agaids</u>	, County of <u>4_1/1/</u>	and
State of <u><u>FOV</u>2, this <u>19</u></u>		•
	Carristopher M. Brigger	
State of <u>/owa</u>) County of <u>L/nn</u>)	, and the second	
Christopher M. Biggers to me known to	be the person whose name is sub	scribed to the
foregoing instrument, and acknowledged t	to me that he executed the same.	
	Notary Public: <u>////////////////////////////////////</u>	Bower

PATENT REEL: 047543 FRAME: 0830

Commission Number: 78/300

ASSIGNMENT OF INVENTION

WHEREAS, Corey R. Applebee, of Marion, County of <u>Rian</u>, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

FLANGE-MOUNTED BLIND-MATE LINE REPLACEMENT UNIT FORM FACTOR which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 18CR418D, 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>Cyclockialls</u> , County of <u>Linn</u> a	and
State	of <u>[2044</u> , this <u>19</u> day of <u>November</u> , 20 <u>18</u> .	
		min
	Cőrey R. Applebee	
State Count	of <u>lowa</u>) y of <u>Linin</u>)	
	On this <u>/9</u> day of <u>November</u> , 20 <u>/8</u> , before me personally appear	red
Corey	R. Applebee to me known to be the person whose name is subscribed to the forego	ing
instru	ment, and acknowledged to me that he executed the same.	

ABRIAL ON	AEMEN IN MOMEN
\$ A \$	Confiliation Number 79130
" allilling "	My Commission Expires
Princes to	11-12- 3010

RECORDED: 11/19/2018

> PATENT REEL: 047543 FRAME: 0831