PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2948578

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
JEREMIAH D. WOLF	07/21/2014		
JAMES B. WEST	07/17/2014		
ANNA C. KERN	07/17/2014		

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	14337600				

CORRESPONDENCE DATA

Fax Number: (319)295-8777

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: 319-295-1184

Email: skmathew@rockwellcollins.com

ROCKWELL COLLINS, INC. INTELLECTUAL PROP **Correspondent Name:**

Address Line 1: 400 COLLINS ROAD NE

Address Line 2: M/S 124-323

Address Line 4: CEDAR RAPIDS, IOWA 52498

ATTORNEY DOCKET NUMBER:	14CR355
NAME OF SUBMITTER:	NICHOLAS R. GRENNAN
SIGNATURE:	/nicholas r grennan/
DATE SIGNED:	07/22/2014

Total Attachments: 3

source=14CR355 Assignment#page1.tif source=14CR355_Assignment#page2.tif

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ASSIGNMENT OF INVENTION

WHEREAS, Jeremiah D. Wolf, of Marion, County of $\frac{L_{\text{VWN}}}{L_{\text{VWN}}}$, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

RADIATING ELEMENT CONTAINMENT AND GROUND PLANE STRUCTURE FABRICATION METHOD

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR355, 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 CEDAL KARIOS	, County of $\underline{Lin} \sim$ and
State of <u>Towa</u> , this <u>ZI</u> day	or <u>July</u> , 2014.
	Jegemiah D. Wolf
State of $\underbrace{ Iowa}_{\text{County of}}$)	
On this <u>21</u> day of <u>July</u>	, 20 <u>14</u> , before me personally appeared
	son whose name is subscribed to the foregoing
instrument, and acknowledged to me that he e	xecuted the same.
	K. Y. Y. W.

SAL DIXIE L. DAPIL

SAL Commission Rumber 702881

My Commission Expires

April 11, 2018

Notary Public: <u>Aveu A-Made</u>
My Commission Expires: <u>April 11, 2015</u>
Commission Number: <u>70 2681</u>

ASSIGNMENT OF INVENTION

WHEREAS, James B. West, of Cedar Rapids, County of <u>LINN</u>, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

RADIATING ELEMENT CONTAINMENT AND GROUND PLANE STRUCTURE FABRICATION METHOD

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR355, 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>CQdark</u>	40185, CO	ounty of <u></u> <u>////</u>	and
State of <u>Tucilla</u> ,	this $\angle Z$ day of .	Tig/\/	0 <i>4</i>
L .		Jesno Re)ezt
State of <u>Lowa</u> County of LINN)	James B. West	
County of	,		::::::::::::::::::::::::::::::::::::::
On this <u>/7</u> day of <u></u>	July	, 20 <u>//</u> , before me p	ersonally appeared
James B. West to me known to	be the person v	whose name is subscribe	d to the foregoing
instrument, and acknowledged to	me that he exec	uted the same.	
		~ · · · · · ·	, A-2 0 s

ORIE L DAML
Commission Number 702881
My Commission Expires
April 11, 2015

Notary Public: Docto X. Darl My Commission Expires: April 11, 2015 Commission Number: 702681

ASSIGNMENT OF INVENTION

WHEREAS, Anna C. Kern, of Robins, County of \underline{LINN} , and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

RADIATING ELEMENT CONTAINMENT AND GROUND PLANE STRUCTURE FABRICATION METHOD

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR355, 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.

	Exec	uted at	Cedar	Rapids	, C	ounty of _	LIN	N		and
State	of	<u> Towa</u>	nennennnnennnennessen in	, this <u>17</u>	_day of	لالمال		, 20_ <u>/</u> 4	<u>.</u> ,	
							anno	c CK	/ lun	
						Ar	nna C. Ke	m		
State Count	of y of	<u>Jou</u>	70 Qd).)						
	On ti	his <u>/ 7</u>	day of	July		, 20 <u>/</u> 4	Z, before	e me pers	onally	appeared
Anna	C. Ke	rn to me	known t	o be the p	person v	vhose nam	ne is sub	scribed t	o the	foregoing
instru	ment,	and ackno	wledged	to me that	he exec	cuted the s	same.			

OXXE L. DAHL
Commission Humber 70266 :
Bity Commission Expires
April 11, 2015

RECORDED: 07/22/2014

Notary Public: WYCL X. Wahl
My Commission Expires: April 11, 2015
Commission Number: 702681