503336794 06/04/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

EPAS ID: PAT3383413 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JAMES B. WEST	06/04/2015
JIWON L. MORAN	06/04/2015

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:	14731113			

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: 319-263-0949

Email: sheila.mathews@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:	14CR815
NAME OF SUBMITTER:	SHANE R. THIELEN
SIGNATURE:	/shane r thielen/
DATE SIGNED:	06/04/2015

Total Attachments: 2

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> **PATENT REEL: 035790 FRAME: 0306** 503336794

ASSIGNMENT OF INVENTION

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

CIRCULAR ARRAY OF RIDGED WAVEGUIDE HORNS

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR815, 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	cuted at	<u>Ledar</u>	<u> Hapals</u>	, Co	unty of	Linn		and
	State of	Jowa	-	this <u>4</u>	day of	June		20_/5_	
						1	Je)	<u> </u>	
						Jam	es B. West		
		000por							
	State of	<u> </u>	<u> </u>)		V			
	County of	411	<u>V</u>)					
	On t	this <u>L</u>	day of <u></u>	Zuna		, 20 <u>/</u> ≤,	before m	e personally	appeared
	James B. V	Vest to me	e known t	o be the	person w	/hose name	is subscr	ibed to the	foregoing
	instrument,	, and ackno	owledged t	o me that	he execu	sted the sar	ne.))
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0000	Susan B Commission No My Commiss February	i, Cairỳ umber 739156 sion Expires				ımission Exp ision Numbe			

PATENT

REEL: 035790 FRAME: 0307

ASSIGNMENT OF INVENTION

WHEREAS, Jiwon L. Moran, of Marion, County of <u>Ling</u>, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

CIRCULAR ARRAY OF RIDGED WAVEGUIDE HORNS

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR815, 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.

cumman	on, substitution	i, oi reissue apputati	on on said invention.	. •	
Executed at		<u>Cedar Rapids</u>	in.	and	
State of	Τοωα	, this <u>4</u> ⁴ day	of <u>June</u>	, 20 <u>15</u> .	
				aku Mor	ou_
			Jiwon L.	Moran	
State of County of	<u>Iowa</u> <u>Lino</u>))			
On	this <u></u> day	of <u>Quine</u>	, 20 <u>/</u> , befo	ore me personally	appeared
		nown to be the pers			
instrument	t, and acknowle	edged to me that he	executed the same.)	: :
	Made		tary Public:		<u>4</u>
Susan	E, Cairy	- 1, ·	Commission Expires mmission Number:	739752	-

RECORDED: 06/04/2015

Commission Number 739158
My Commission Expires
February, 15, 2018

PATENT

REEL: 035790 FRAME: 0308