503159380 01/30/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3205994

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM B. SORSBY	01/26/2015
TIMOTHY E. SNODGRASS	01/26/2015
JAMES A. STEVENS	01/08/2015
BOYD L. KAISER	01/27/2015

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:	14610081

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: sheila.mathews@rockwellcollins.com

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

Address Line 1: 400 COLLINS ROAD NE

M/S 124-323 Address Line 2:

Address Line 4: CEDAR RAPIDS, IOWA 52498

ATTORNEY DOCKET NUMBER:	14CR668
NAME OF SUBMITTER:	RICHARD A. KRUSE
SIGNATURE:	/richard a kruse/
DATE SIGNED:	01/30/2015
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Total Attachments: 4

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

INTERFERENCE CANCELLATION SYSTEM AND METHOD

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR668, 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.

E)	(ecuted at <u>Ccপ্রেপ</u>	Feyiols	, County of <u>【记忆》</u>	i and
State of .	Iowa	, this <u>_26</u> _ d	ay of <u>January</u>	, 20 <u>/</u> 5.
			William B	S. Sorsby
State of County o	f Fowa)		****
0	n this <u>260</u> day of	January	, 20 <u>15</u> , befo	ore me personally appeared
William I	3. Sorsby to me kno	wn to be the p	erson whose name is s	subscribed to the foregoing
instrume	nt, and acknowledge	d to me that he	e executed the same.	

Seal filary J. Hanson

Light Seal filary J. Hanson

My Commission No. 199051

My Commission Expires 15 - 31-16

	WHE	REAS,	Timo	thy E	. Sne	odg	ras	s, of	Palo,	Cour	ity o	f	, an	d Stat	te of	lowa,
herein	after	somet	times	refe	red	to	äs	"said	inver	itor",	has	invented	certain	new	and	useful
improv	emer	its in														

INTERFERENCE CANCELLATION SYSTEM AND METHOD

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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>Rockwell</u>	Collins	, County of	<u> </u>		and
State of				atalejaa	45.	
	ENNIFER WHITTENBAUGH Cormission Humber 780984 My Cormission Expires October 28, 2016			mothly E. Snodge		***********
State of County of	I com	Ma, Ma				
On t	this 24 day of \leq	Tanuary	, 20	≤, before me po	ersonally appea	ıred
Timothy E.	Snodgrass to me k	nown to be	the person w	hose name is	subscribed to	the

foregoing instrument, and acknowledged to me that he executed the same.

(Seal) Notary Public: <u>Lens Les (41/44/5-1445/1</u> My Commission Expires: <u>At His 28 : 20/6</u> Commission Number: <u>78/95/</u>

WHEREAS, James A. Stevens, of Lucas, County of $\frac{C_0 \setminus i_1 \times i_2}{C_0 \setminus i_2 \times i_2}$, and State of Texas, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

INTERFERENCE CANCELLATION SYSTEM AND METHOD

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR668, 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	Richardson	, County of _	Nilla)	and
State	of <u>ICXA</u>	<u>S</u> , this	8th day of Jany	<u>9 - 7</u>)
			(ame At	teren
			Ţ,	ames A. Stevens	
			*		

State of County of

On this 8^{+h} day of _______, 20/5, before me personally appeared James A. Stevens to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

イタ規則Y THOMPSON Notary Public, State of Texas My Commission Expires April 10, 2015 Notary Public: 1. 1. 1. 2mp 2015 My Commission Expires: 40 . : 1 10 2015 Commission Number: 1241833427

WHEREAS, Boyd L. Kaiser, 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

INTERFERENCE CANCELLATION SYSTEM AND METHOD

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR668, 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 soid, 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.

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instrument, and acknowledged to me that he executed the same.

" Property	/Coddmy J. Hanson
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10 May 1	My Commission Explose 10" 21-1
4089	2 vil and in the second

Notary Public: May J. Janaen
My Commission Expires: 10-3/16
Commission Number: 199051

PATENT REEL: 034854 FRAME: 0366

RECORDED: 01/30/2015