502855526 06/17/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2902123

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JOHN THOMMANA	06/16/2014
TIMOTHY E. SNODGRASS	06/16/2014
RANDY W. NELSON	06/17/2014
LIZY PAUL	06/17/2014
DWAYNE E. HARRIS	06/17/2014

### **RECEIVING PARTY DATA**

Name: ROCKWELL COLLINS, INC.	
Street Address: 400 COLLINS ROAD NE	
Internal Address: 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:	14307069		

### **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

sheila.mathews@rockwellcollins.com Email:

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:	14CR387
NAME OF SUBMITTER:	RICHARD A. KRUSE
SIGNATURE:	/richard a kruse/
DATE SIGNED:	06/17/2014

**Total Attachments: 5** 

REEL: 033121 FRAME: 0772

<del>PATENT</del>

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source=14CR387\_Assignment\_SIGNED#page5.tif

WHEREAS, John Thommana, of Cedar Rapids, County of <a href="https://www.name.com/whereinafter">WNN</a>, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

## AD HOC FREQUENCY WITH ADVANCED AUTOMATIC LINK ESTABLISHMENT SYSTEM AND RELATED METHOD

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR387, 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>CEDAYL</u>	<u>RAVIDS</u> , CO	ounty of HNN	and
State of 10WA	_, this <u>16</u> day of	JUNE, 2014.	
		JOHN THOMMANA	AN ARPPORTED STANKE COME COST TO THE THE THE STANKE AN A THICK
State of OWA County of HNN	)		
On this day of _		, 20 <u>14</u> , before me personally a whose name is subscribed to the fo	• •
instrument, and acknowledged			negoing
Commission Number 749876 My Commission Expires	My Cor	Public: Water Justice nmission Expires: 11-12-16 ssion Number: 749876	

WHEREAS, Timothy E. Snodgrass, of Palo, County of VNN, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

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	Executed at <u>CE</u> 1	DAR RAPIOS	, County of	HNN	and
State of	10WA	, this <u>16</u>	day of <u>JUNE</u>	, 20 <u>14</u> .	-
State of County		)	TIA	nothy E. SNODGRASS	? 
	On this <u>16</u> day Y E. SNODGRASS			, before me persona hose name is subsc	
	ng instrument, and	acknowledged to	me that he executive for the control of the control	Ited the same.  NAK  KRISTAN 1	RAK
AL SE CO	(Seal) KRISTAN JIRAK mmission Number 749876			xpires: <u>11-13-11</u> per: <u>749876</u>	2

My Commission Expires

WHEREAS, Randy W. Nelson, of Anamosa, County of <u>Johes</u>, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

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and invention.
Executed at Codar Rapids, County of Towa and
State of Lows, this 17th day of June, 2014.
Randy W. NELSON  State of County of SiNA  Randy W. NELSON
On this 17th day of June, 2014, before me personally appeared
RANDY W. NELSON to me known to be the person whose name is subscribed to the foregoing
instrument, and acknowledged to me that he executed the same.
Notary Public: Seal My Commission Expires: OS/15/0077  My Commission Number: 155044  My Commission Number: 155044

WHEREAS, Lizy	/ Paul,	of Ceda	r Rapids	, County	of	LINN	, and	State	of	lowa,
hereinafter sometime	s referre	ed to as	s "said in	ventor",	has	invented	certain	new a	nd	useful
improvements in										

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Executed at CEDME PAPIO	S, County ofLINN and
State of, this,	7 day of
f	LIZŸ PAUL <sup>V</sup>
State of 10VA ) County of LINN )	
County of <u>LIWN</u>	
On this 17 day of TNN	E, 20 <u>14</u> , before me personally appeared
LIZY PAUL to me known to be the	person whose name is subscribed to the foregoing
instrument, and acknowledged to me th	
	Notary Public: Wastam Junk
The state of the s	
KRISTAN JIRAK	My Commission Expires: 11-13-16 Commission Number: 749876
Commission Number 749876	Commission rumper.

My Commission Expires

WHEREAS, Dwayne E. Harris, of Murphy, County of <u>Collin</u>, and State of Texas, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

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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.

1	Executed at 1579	CHANDSON	, County o	f_Co//	<u>- ~ an</u>
State of	Texas	, this <u>/ 7</u>	day of	une,	20 <u>/</u> 4.
				Mac	's '
				DWAYNE E. HA	RRIS
State of County		)			
(	On this <u>//</u> day o	of June	, 20	∰, before me	personally appeared
DWAYNE	E E. HARRIS to me	known to be the			ibed to the foregoin
	ent, and acknowled		•	i i	<b>.</b>

Notary Public: home son My Commission Expires: home son Commission Number: 21/8334-7

PATENT REEL: 033121 FRAME: 0778

RECORDED: 06/17/2014

JUDY THOMPSON

blic, State of Texas

Ammission Expires
April 10, 2015