

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3009654

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MAX G. TAYLOR	09/02/2014
SHAWN M. SPENCER	09/04/2014
JENNIFER A. MYREN	09/02/2014
MATTHEW JACOB CUNNIEN	09/02/2014
MICHAEL ARMSTRONG	09/02/2014
PETER J. FLUGSTAD	09/02/2014
ROY ALLEN RHODES	09/02/2014
RYAN J. OLSON	09/02/2014
SCOTT E. SCHULTZ	09/02/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ROCKWELL COLLINS, INC.
<b>Street Address:</b>	400 COLLINS ROAD NE
<b>Internal Address:</b>	ATTN: INTELLECTUAL PROPERTY DEPT, M/S 124-323
<b>City:</b>	CEDAR RAPIDS
<b>State/Country:</b>	IOWA
<b>Postal Code:</b>	52498
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	29501517
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(319)295-8777
<i>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.</i>	
<b>Phone:</b>	319-295-1184
<b>Email:</b>	sheila.mathews@rockwellcollins.com
<b>Correspondent Name:</b>	ROCKWELL COLLINS, INC. INTELLECTUAL PROP
<b>Address Line 1:</b>	400 COLLINS ROAD NE
<b>Address Line 2:</b>	M/S 124-323
<b>Address Line 4:</b>	CEDAR RAPIDS, IOWA 52498
<b>ATTORNEY DOCKET NUMBER:</b>	14CR534

PATENT

<b>NAME OF SUBMITTER:</b>	SEAN PATRICK SUITER
<b>SIGNATURE:</b>	/sean patrick suiter/
<b>DATE SIGNED:</b>	09/04/2014
<b>Total Attachments: 9</b> source=14CR534_Assignment#page1.tif source=14CR534_Assignment#page2.tif source=14CR534_Assignment#page3.tif source=14CR534_Assignment#page4.tif source=14CR534_Assignment#page5.tif source=14CR534_Assignment#page6.tif source=14CR534_Assignment#page7.tif source=14CR534_Assignment#page8.tif source=14CR534_Assignment#page9.tif	

# ASSIGNMENT OF INVENTION

WHEREAS, Max G. Taylor, of Hiawatha, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

## COMPUTER-GENERATED SPATIAL AWARENESS ICON SET AND PORTION OF AN AVIONICS DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR534, 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.

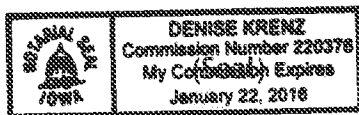
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 2nd day of September, 2014.

Max G. Taylor  
Max G. Taylor

State of Iowa  
County of Linn

On this 2nd day of September, 2014, before me personally appeared Max G. Taylor 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: Denise K Krenz  
My Commission Expires: 1-22-16  
Commission Number: 220376

ASSIGNMENT OF INVENTION

WHEREAS, Shawn M. Spencer, of Cedar Rapids, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

COMPUTER-GENERATED SPATIAL AWARENESS ICON

SET AND PORTION OF AN AVIONICS DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR534, 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.

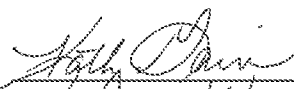
Executed at Cedar Rapids, County of Linn and State of Iowa, this 4<sup>th</sup> day of September, 2014.

  
Shawn M. Spencer

State of Iowa )  
County of Linn )

On this 4<sup>th</sup> day of September, 2014, before me personally appeared Shawn M. Spencer 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:   
My Commission Expires: 11/5/2015  
Commission Number: 775594

# ASSIGNMENT OF INVENTION

WHEREAS, Jennifer A. Myren, of Marion, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

## COMPUTER-GENERATED SPATIAL AWARENESS ICON

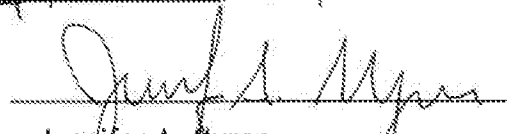
## SET AND PORTION OF AN AVIONICS DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR534, 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.

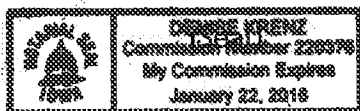
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 2 day of September, 2014

  
Jennifer A. Myren

State of Iowa )  
County of Linn )

On this 2<sup>nd</sup> day of September, 2014, before me personally appeared Jennifer A. Myren 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: Denise Krenz 1-22-16  
My Commission Expires: 1-16-16 + 16 16 de  
Commission Number: 220376

# ASSIGNMENT OF INVENTION

WHEREAS, Matthew Jacob Cunnien, of Marion, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

## COMPUTER-GENERATED SPATIAL AWARENESS ICON

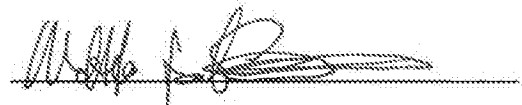
## SET AND PORTION OF AN AVIONICS DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR534, 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.

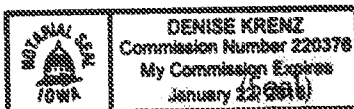
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 2nd day of September, 2014.

  
Matthew Jacob Cunnien

State of Iowa )  
County of Linn )

On this 2nd day of September, 2014, before me personally appeared Matthew Jacob Cunnien 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: Denise K Krenz  
My Commission Expires: 1-22-16  
Commission Number: 220376

# ASSIGNMENT OF INVENTION

WHEREAS, Michael Armstrong, of Central City, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

## COMPUTER-GENERATED SPATIAL AWARENESS ICON


## SET AND PORTION OF AN AVIONICS DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR534, 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.

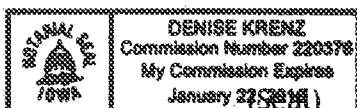
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 2<sup>nd</sup> day of September, 2014.

  
Michael Armstrong

State of Iowa )  
County of Linn )

On this 2<sup>nd</sup> day of September, 2014, before me personally appeared Michael Armstrong 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: Denise K Krenz  
My Commission Expires: 1-22-16  
Commission Number: 220376

ASSIGNMENT OF INVENTION

WHEREAS, Peter J. Flugstad, of Marion, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

COMPUTER-GENERATED SPATIAL AWARENESS ICON  
SET AND PORTION OF AN AVIONICS DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR534, 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.

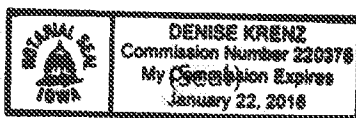
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 2nd day of September, 2014.

Peter J. Flugstad  
Peter J. Flugstad

State of Iowa )  
County of Linn )

On this 2nd day of September, 2014, before me personally appeared Peter J. Flugstad 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: Denise K. Krenz  
My Commission Expires: 1-22-16  
Commission Number: 220376

ASSIGNMENT OF INVENTION

WHEREAS, Roy Allen Rhodes, of Marion, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

COMPUTER-GENERATED SPATIAL AWARENESS ICON  
SET AND PORTION OF AN AVIONICS DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR534, 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.

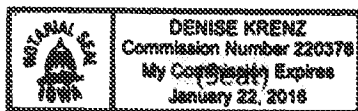
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 2<sup>nd</sup> day of September, 2014.

Roy Allen Rhodes  
Roy Allen Rhodes

State of Iowa )  
County of Linn )

On this 2<sup>nd</sup> day of September, 2014, before me personally appeared Roy Allen Rhodes 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: Denise K Krenz  
My Commission Expires: 1-22-16  
Commission Number: 220376

# ASSIGNMENT OF INVENTION

WHEREAS, Ryan J. Olson, of Marion, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

## COMPUTER-GENERATED SPATIAL AWARENESS ICON

## SET AND PORTION OF AN AVIONICS DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR534, 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.

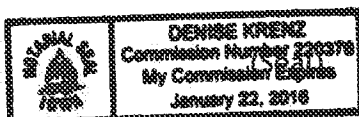
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 2<sup>nd</sup> day of September, 2014.

Ryan J. Olson  
Ryan J. Olson

State of Iowa )  
County of Linn )

On this 2<sup>nd</sup> day of September, 2014, before me personally appeared Ryan J. Olson 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: Denise K. Krenz  
My Commission Expires: 1-22-16  
Commission Number: 220376

# ASSIGNMENT OF INVENTION

WHEREAS, Scott E. Schultz, of Cedar Rapids, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

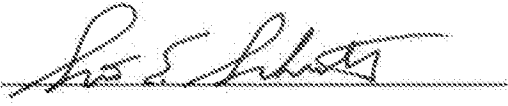
## COMPUTER-GENERATED SPATIAL AWARENESS ICON SET AND PORTION OF AN AVIONICS DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 14CR534, 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.

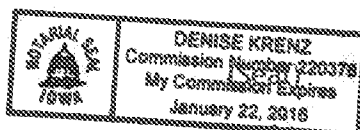
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

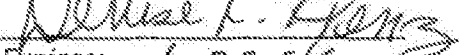
Executed at Cedar Rapids, County of Linn and State of Iowa, this 2<sup>nd</sup> day of September, 2014.

  
Scott E. Schultz

State of Iowa )  
County of Linn )

On this 2<sup>nd</sup> day of September, 2014, before me personally appeared Scott E. Schultz 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:   
My Commission Expires: 1-22-18  
Commission Number: 220376