

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sean D. Howard</td> <td>05/22/2013</td> </tr> <tr> <td>Brandon J. Provolt</td> <td>05/22/2013</td> </tr> <tr> <td>Luke E. Ryon</td> <td>05/22/2013</td> </tr> <tr> <td>James K. Jezek</td> <td>05/22/2013</td> </tr> <tr> <td>Jeremy K. Sands</td> <td>05/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	Sean D. Howard	05/22/2013	Brandon J. Provolt	05/22/2013	Luke E. Ryon	05/22/2013	James K. Jezek	05/22/2013	Jeremy K. Sands	05/22/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Rockwell Collins, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>400 Collins Road NE</td> </tr> <tr> <td>Internal Address:</td> <td>Intellectual Property Dept., M/S 124-323</td> </tr> <tr> <td>City:</td> <td>Cedar Rapids</td> </tr> <tr> <td>State/Country:</td> <td>IOWA</td> </tr> <tr> <td>Postal Code:</td> <td>52498</td> </tr> </table>		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
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CORRESPONDENCE DATA													
<p>Fax Number: 3192958777 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 319-295-8280 Email: skmathew@rockwellcollins.com Correspondent Name: ROCKWELL COLLINS, INC. INTELLECTUAL PROP Address Line 1: 400 COLLINS ROAD NE Address Line 2: M/S 124-323 Address Line 4: CEDAR RAPIDS, IOWA 52498</p>													
ATTORNEY DOCKET NUMBER:	12CR1052												

NAME OF SUBMITTER:	Faisal K. Abou-Nasr
Signature:	/faisal k abounasr/
Date:	05/23/2013
Total Attachments: 5 source=12CR1052_Assignment#page1.tif source=12CR1052_Assignment#page2.tif source=12CR1052_Assignment#page3.tif source=12CR1052_Assignment#page4.tif source=12CR1052_Assignment#page5.tif	

ASSIGNMENT OF INVENTION

WHEREAS, Sean D. Howard, 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

REMOTE CRYPTOGRAPHIC INITIALIZATION

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 12CR1052, 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 22 day of May, 2013.



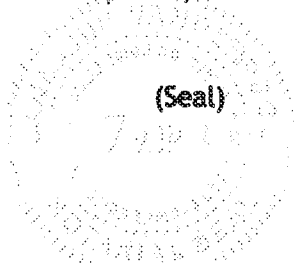
SEAN D. HOWARD

State of
County of

Iowa
Linn

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)

On this 22 day of May, 2013, before me personally appeared SEAN D. HOWARD 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: Jannemie Vanderpool
My Commission Expires: October 7, 2014
Commission Number: 170051

ASSIGNMENT OF INVENTION

WHEREAS, Brandon J. Provolt, 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

REMOTE CRYPTOGRAPHIC INITIALIZATION

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 12CR1052, 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.

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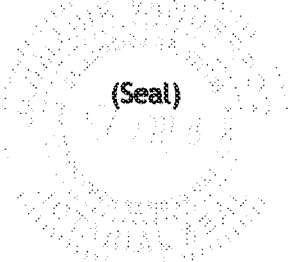
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 22 day of May, 2013.


BRANDON J. PROVOLT

State of Iowa)
County of Linn)

On this 22 day of May, 2013, before me personally appeared BRANDON J. PROVOLT 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: Janmarie Vandepool
My Commission Expires: October 1, 2014
Commission Number: 170051

ASSIGNMENT OF INVENTION

WHEREAS, Luke E. Ryon, 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

REMOTE CRYPTOGRAPHIC INITIALIZATION

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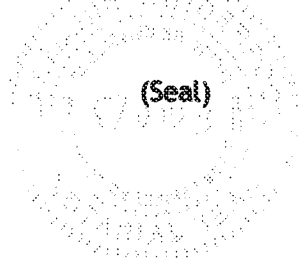
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 22 day of May, 2013.

Luke E. Ryon
LUKE E. RYON

State of Iowa)
County of Linn)

On this 22 day of May, 2013, before me personally appeared LUKE E. RYON 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: Janmarie Vandepoel
My Commission Expires: October 1, 2014
Commission Number: 170051

ASSIGNMENT OF INVENTION

WHEREAS, James K. Jezek, 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


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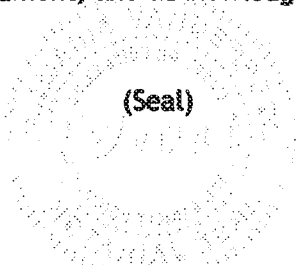
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of IOWA, this 22 day of May, 2013.


JAMES K. JEZEK

State of Iowa)
County of Linn)

On this 22 day of May, 2013, before me personally appeared JAMES K. JEZEK 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: Janmarie Vandepool
My Commission Expires: October 7, 2014
Commission Number: 170051

ASSIGNMENT OF INVENTION

WHEREAS, Jeremy K. Sands, 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

REMOTE CRYPTOGRAPHIC INITIALIZATION

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 12CR1052, 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.

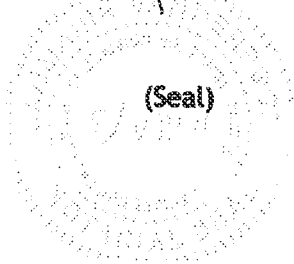
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 22 day of May, 2013.


JEREMY K. SANDS

State of Iowa)
County of Linn)

On this 22 day of May, 2013, before me personally appeared JEREMY K. SANDS 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: Janmarie Vandepoel
My Commission Expires: October 7, 2014
Commission Number: 170051