

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2626043

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>BRADLEY J. KOEHLER</td> <td>11/21/2013</td> </tr> <tr> <td>SARAH A. MILLER</td> <td>11/21/2013</td> </tr> <tr> <td>MATTHEW J. PODUSKA</td> <td>11/21/2013</td> </tr> <tr> <td>RYAN J. COPPA</td> <td>11/21/2013</td> </tr> <tr> <td>TYLER T. KARRELS</td> <td>11/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	BRADLEY J. KOEHLER	11/21/2013	SARAH A. MILLER	11/21/2013	MATTHEW J. PODUSKA	11/21/2013	RYAN J. COPPA	11/21/2013	TYLER T. KARRELS	11/21/2013
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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 RD. NE</td> </tr> <tr> <td>Internal Address:</td> <td>ATTN: 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 RD. NE	Internal Address:	ATTN: INTELLECTUAL PROPERTY DEPT, M/S 124-323	City:	CEDAR RAPIDS	State/Country:	IOWA	Postal Code:	52498
Name:	ROCKWELL COLLINS, INC.												
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PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14087755</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14087755								
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Application Number:	14087755												
CORRESPONDENCE DATA													
Fax Number:	(319)295-8777												
Phone:	319-295-8280												
Email:	skmathew@rockwellcollins.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
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												
ATTORNEY DOCKET NUMBER:	13CR667												

NAME OF SUBMITTER:	MIAO LIU
Signature:	/miao liu/
Date:	11/22/2013
Total Attachments: 5 source=13CR667_Assignment#page1.tif source=13CR667_Assignment#page2.tif source=13CR667_Assignment#page3.tif source=13CR667_Assignment#page4.tif source=13CR667_Assignment#page5.tif	

ASSIGNMENT OF INVENTION

WHEREAS, Bradley J. Koehler, of Minnetonka, County of Hennepin, and State of Minnesota, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SIGNAL EXTENDER FOR SATELLITE COMMUNICATIONS SYSTEM

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR667, 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.

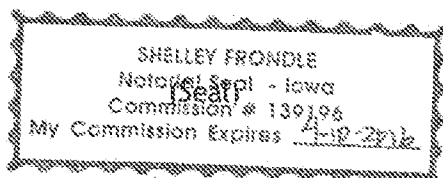
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 21 day of November, 2013.

Brad Koehler
Bradley J. Koehler

State of Iowa
County of Linn

On this 21 day of November, 2013, before me personally appeared Bradley J. Koehler 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: Shelley Frondle

My Commission Expires: 4-10-2016

Commission Number: 139196

PATENT

REEL: 031660 FRAME: 0966

ASSIGNMENT OF INVENTION

WHEREAS, Sarah A. Miller, 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

SIGNAL EXTENDER FOR SATELLITE COMMUNICATIONS SYSTEM

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR667, 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.

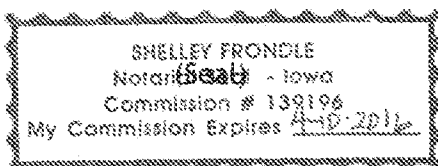
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

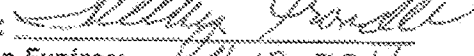
Executed at Cedar Rapids, County of Linn and State of Iowa, this 21 day of November, 2013.


Sarah A. Miller

State of Iowa)
County of Linn)

On this 21 day of November, 2013, before me personally appeared Sarah A. Miller 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: 4-10-2016
Commission Number: 139196

ASSIGNMENT OF INVENTION

WHEREAS, Matthew J. Poduska, of Mount Vernon, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SIGNAL EXTENDER FOR SATELLITE COMMUNICATIONS SYSTEM

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR667, 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.

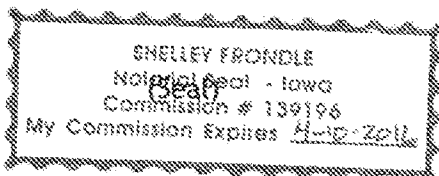
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 2 day of November, 2013.

[Signature]
Matthew J. Poduska

State of Iowa)
County of Linn)

On this 21 day of November, 2013, before me personally appeared Matthew J. Poduska 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: [Signature]
My Commission Expires: 4-10-2016
Commission Number: 139196

ASSIGNMENT OF INVENTION

WHEREAS, Ryan J. Coppa, 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

SIGNAL EXTENDER FOR SATELLITE COMMUNICATIONS SYSTEM

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR667, 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.

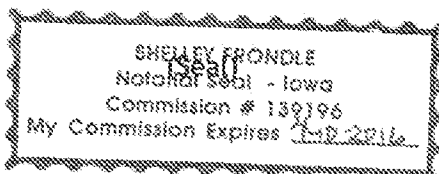
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 21 day of November, 2013.


Ryan J. Coppa

State of Iowa)
County of Linn)

On this 21 day of November, 2013, before me personally appeared Ryan J. Coppa 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: Shelley Frondle
My Commission Expires: 12-10-2016
Commission Number: 139196

ASSIGNMENT OF INVENTION

WHEREAS, Tyler T. Karrels, 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

SIGNAL EXTENDER FOR SATELLITE COMMUNICATIONS SYSTEM

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR667, 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.

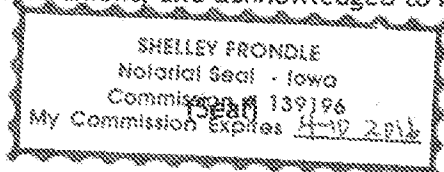
Executed at Cedar Rapids, County of Linn and State of Iowa, this 21 day of November, 2013.

Tyler T. Karrels

Tyler T. Karrels

State of Iowa
County of Linn

On this 21 day of November, 2013, before me personally appeared Tyler T. Karrels 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: Shelley Frondle

My Commission Expires: 4-10-2016

Commission Number: 139196

PATENT