

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2706034

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>ERIC J LOREN</td> <td>01/29/2014</td> </tr> <tr> <td>RAY L. CROSS</td> <td>01/29/2014</td> </tr> </tbody> </table>		Name	Execution Date	ERIC J LOREN	01/29/2014	RAY L. CROSS	01/29/2014						
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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>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:	M/S 124-323	City:	CEDAR RAPIDS	State/Country:	IOWA	Postal Code:	52498
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PROPERTY NUMBERS Total: 1													
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Application Number:	14168482												
CORRESPONDENCE DATA													
Fax Number:	(319)295-8777												
Phone:	319-295-8280												
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<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:	13CR745												
NAME OF SUBMITTER:	DONNA P. SUCHY												
Signature:	/donna p suchy/												

Date:

01/30/2014

Total Attachments: 2

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ASSIGNMENT OF INVENTION

WHEREAS, Eric J. Loren, of North Liberty, County of Johnson, and State of Iowa, and Ray L. Cross, of Cedar Rapids, County of Linn, and State of Iowa; and hereinafter sometimes referred to as the "inventors", have invented jointly certain new and useful improvements in

Multiple Antenna Transmission Of Pulsed Data Communication Messages With Phase Or Time Dithering For Reduction Of Static Interference Nulls

which invention or inventions (hereinafter referred to as the "invention") have been disclosed to and filed, under Docket No. 13CR745, in the patent files of the inventors' employer, ROCKWELL COLLINS, INC., and which invention is covered by a patent application filed herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventors have 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 inventors had this Assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents, whether US 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 29 day of January, 2014.



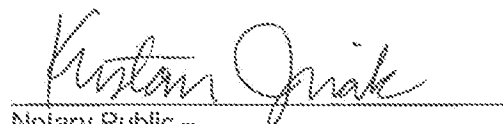
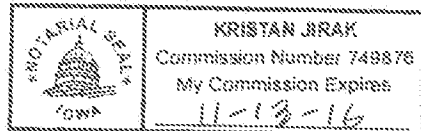
Eric J. Loren

Inventor

State of IOWA)
County of LINN)

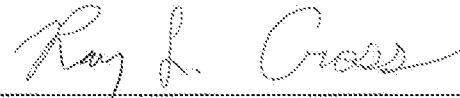
On this 29 day of January, 2014 before me personally appeared Eric J. Loren, to me known to be the person whose names are subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

(Seal)



Notary Public -
My Commission Expires: 11-13-16
My Commission No.: 749876

Executed at Cedar Rapids, County of Linn and State of Iowa, this 29 day of January, 2014.

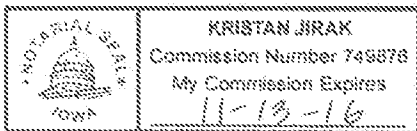


Ray L. Cross Inventor

State of IOWA)
County of LINN)

On this 29 day of January, 2014 before me personally appeared Ray L. Cross, to me known to be the person whose names are subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

(Seal)





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