

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>Clive J. Littlechild</td> <td>04/30/2012</td> </tr> <tr> <td>Gregory D. Reynolds</td> <td>04/25/2012</td> </tr> <tr> <td>Craig E. Harwood</td> <td>05/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Clive J. Littlechild	04/30/2012	Gregory D. Reynolds	04/25/2012	Craig E. Harwood	05/09/2012				
Name	Execution Date												
Clive J. Littlechild	04/30/2012												
Gregory D. Reynolds	04/25/2012												
Craig E. Harwood	05/09/2012												
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
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29414535</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29414535								
Property Type	Number												
Application Number:	29414535												
CORRESPONDENCE DATA													
<p>Fax Number: (319)295-8777</p> <p>Phone: 319-295-8280</p> <p>Email: dmbarbie@rockwellcollins.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: ROCKWELL COLLINS, INC. INTELLECTUAL PROP</p> <p>Address Line 1: 400 COLLINS ROAD NE</p> <p>Address Line 2: M/S 124-323</p> <p>Address Line 4: CEDAR RAPIDS, IOWA 52498</p>													
ATTORNEY DOCKET NUMBER:	12CR311												
NAME OF SUBMITTER:	Richard A. Kruse												
<p>Total Attachments: 3</p> <p>source=12CR311_Assignment#page1.tif</p> <p>source=12CR311_Assignment#page2.tif</p> <p>source=12CR311_Assignment#page3.tif</p>													

CH \$40.00 29414535

ASSIGNMENT OF INVENTION

WHEREAS, Clive J. Littlechild, 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

AVIONICS FLIGHT DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 12CR311, 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.

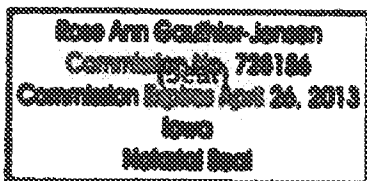
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of IA, this 30 day of April, 2012.

Clive J. Littlechild
CLIVE J. LITTLECHILD

State of IA
County of Linn)

On this 30 day of April, 2012, before me personally appeared Clive J. Littlechild 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: Rose Ann Gauthier-Jensen
My Commission Expires: 4/26/13
Commission Number: 728186

ASSIGNMENT OF INVENTION

WHEREAS, Gregory D. Reynolds, 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

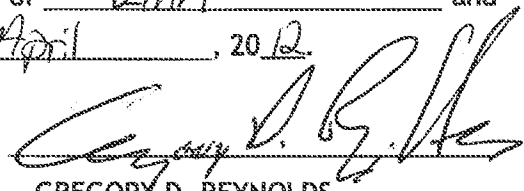
AVIONICS FLIGHT DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 12CR311, 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.

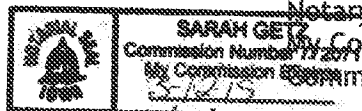
Executed at Collins Community Credit Union, County of Linn and State of Iowa, this 28th day of April, 2012.


GREGORY D. REYNOLDS

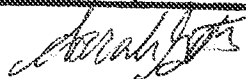
State of Iowa)
County of Linn)

On this 28th day of April, 2012, before me personally appeared Gregory D. Reynolds to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(Seal)



Notary Public: Sarah Getz
Commission Expires: 3-12-15
Commission Number: 772071



ASSIGNMENT OF INVENTION

WHEREAS, Craig E. Harwood, 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

AVIONICS FLIGHT DISPLAY

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 12CR311, 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.

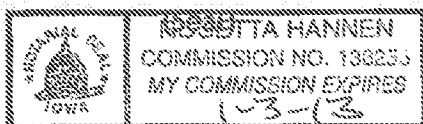
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at CEGAR RAPIDS, County of LINN and State of IOWA, this 9th day of MAY, 2012


CRAIG E. HARWOOD

State of Iowa
County of Linn)

On this 9th day of May, 2012, before me personally appeared Craig E. Harwood 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: Rosetta Hannen
My Commission Expires: 1-3-13
Commission Number: 138255