

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT                           |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
|---|--|---------------|------------------------|---------------------|---------------------|--------------------|--|-------|--------------|----------------|------|--------------|-------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                               |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| <b>CONVEYING PARTY DATA</b>   |  |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> <tr> <td>Lee M. Paulsen</td> <td>04/04/2010</td> </tr> <tr> <td>Christopher Meehan</td> <td>03/31/2010</td> </tr> </table>  |  | Name          | Execution Date         | Lee M. Paulsen      | 04/04/2010          | Christopher Meehan | 03/31/2010                               |       |              |                |      |              |       |
| Name  | Execution Date                           |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| Lee M. Paulsen  | 04/04/2010                               |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| Christopher Meehan  | 03/31/2010                               |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| <b>RECEIVING PARTY DATA</b>   |  |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">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" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> <tr> <td>Application Number:</td> <td>12756238</td> </tr> </table>   |  | Property Type | Number                 | Application Number: | 12756238            |                    |  |       |              |                |      |              |       |
| Property Type   | Number                                   |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| Application Number:   | 12756238                                 |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| <b>CORRESPONDENCE DATA</b>  |  |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| Fax Number: (319)295-8777<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i><br>Phone: 319-295-8280<br>Email: skmathew@rockwellcollins.com<br>Correspondent Name: ROCKWELL COLLINS, INC. INTELLECTUAL PROP<br>Address Line 1: 400 COLLINS ROAD NE<br>Address Line 2: M/S 124-323<br>Address Line 4: CEDAR RAPIDS, IOWA 52498   |  |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| ATTORNEY DOCKET NUMBER:   | 10CR090                                  |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| NAME OF SUBMITTER:  | Jeffrey M. Andersen                      |               |                        |                     |                     |                    |  |       |              |                |      |              |       |
| Total Attachments: 2<br>source=10CR090Assignment#page1.tif  |  |               |                        |                     |                     |                    |  |       |              |                |      |              |       |

CH \$40.00 12756238

**501142249**

**PATENT**  
**REEL: 024203 FRAME: 0895**



ASSIGNMENT OF INVENTION

WHEREAS, Lee M. Paulsen, 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

BOXED FEED FOR IMPROVED HIGH FREQUENCY (HF) SHUNT ANTENNA PERFORMANCE which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 10CR090, 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.

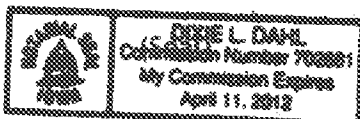
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 7 day of April, 2010.

Lee Paulsen  
LEE M. PAULSEN

State of IOWA )  
County of LINN )

On this 7 day of April, 2010, before me personally appeared LEE M. PAULSEN 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: Dixie L. Dahl  
My Commission Expires: APRIL 11, 2012  
Commission Number: 702681

# ASSIGNMENT OF INVENTION

WHEREAS, Christopher Meehan, of Melbourne, County of Brevard, and State of Florida, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

BOXED FEED FOR IMPROVED HIGH FREQUENCY (HF) SHUNT ANTENNA PERFORMANCE which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 10CR090, 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.

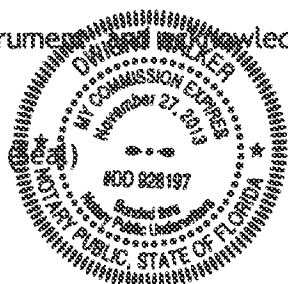
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Melbourne, County of Brevard and State of Florida, this 31 day of March, 2010.

Christopher Meehan  
CHRISTOPHER MEEHAN

State of Florida )  
County of Brevard)

On this 31 day of MARCH, 2010, before me personally appeared CHRISTOPHER MEEHAN to me known to be the person whose name is subscribed to the foregoing instrument, and he acknowledged to me that he executed the same.



Notary Public: Dwight Waller  
My Commission Expires: 11/27/2013  
Commission Number: 828197

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