

07-23-2004



102798052

 19587 U.S. PTO  
 10/891724  
 071504

To the Honorable Commissioner of Patents and Trademarks. Please receive.

## 1. Name of conveying party(ies):

James B. West and John C. Mather

7-1504

03CR165/KE

Additional names(s) of conveying party(ies) attached ☐ Yes ☒ No

## 2. Name and address of receiving party(ies):

Name: Rockwell Collins, Inc.

Street Address: 400 Collins Rd. NE

City: Cedar Rapids State: IA Zip: 52498

## 3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: July 15, 2004

Additional name(s) and address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent number(s)

10891724

If this document is being filed together with a new application, the execution date of the application is: July 15, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

 Name: Nathan O. Jensen  
 Internal Address: Patent Department 124-323  
 Street Address: 400 Collins Rd. NE  
 City: Cedar Rapids State: IA 52498
6. Total number of applications and patents involved 1

## 7. Total Fee (37 CFR 3.41): \$40.00

☐ Enclosed  
☒ Authorized to be charged to deposit account
8. Deposit Account Number: 18-1722  
(Attach duplicate copy if paying by Deposit Account)

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## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Nathan O. Jensen, Reg. # 41,460

Name of Person Signing

Signature

July 15, 2004

Date

Total number of pages comprising cover sheet [1]

Mail documents to be recorded with required cover sheet information to:

 07/22/2004 GT011 00000094 181722 10891724  
 01 FC:0021 40.00 BA

 COMMISSIONER OF PATENTS  
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 P.O. BOX 1450  
 ALEXANDRIA, VA 22313-1450

 PATENT  
 REEL: 015582 FRAME: 0849

## ASSIGNMENT OF INVENTION

WHEREAS, **James B. West**, of **Cedar Rapids**, County of **Linn**, and State of **Iowa**; and **John C. Mather**, of **Cedar Rapids**, County of **Linn**, and State of **Iowa**, hereinafter sometimes referred to as the "inventors", have invented jointly certain new and useful improvements in

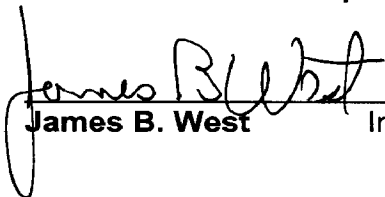
### **Split Waveguide Phased Array Antenna With Integrated Bias Assembly**

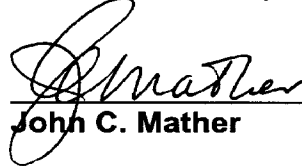
which invention or inventions (hereinafter referred to as the "invention") have been disclosed to and filed, under Docket No. **03CR165/KE**, in the patent files of the inventors' employer, **ROCKWELL COLLINS, INC.**, and which invention is covered by a patent application, executed and filed concurrently herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said 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.

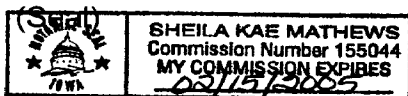
Executed at **Cedar Rapids**, County of **Linn** and State of **Iowa**, this 15<sup>th</sup> day of **July**, 2004.

  
\_\_\_\_\_  
**James B. West**      Inventor

  
\_\_\_\_\_  
**John C. Mather**      Inventor

State of IOWA )  
County of LINN )

On this 15<sup>th</sup> day of **July**, 2004 before me personally appeared **James B. West** and **John C. Mather**, to me known to be the person whose names are subscribed to the foregoing instrument, and acknowledged to me that he executed the same.



  
\_\_\_\_\_  
Notary Public: **Sheila Kae Mathews**  
My Commission Expires: **2/15/05**  
Commission Number: **155044**