

06-01-2007



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U.S. PTO
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05/21/2007

To the Honorable Commissioner of Patents and

Int.

1. Name of conveying party(ies):

Patrick Y. Hwang and R. Grover Brown

06CR580/KE

Additional names(s) of conveying party(ies) attached [] Yes [xx] 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:

[xx] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other _____

Execution Date: March 15, 2007 and May 9, 2007

Additional name(s) and address(es) attached? [] Yes [xx] No

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

If this document is being filed together with a new application, the execution date of the application is: May 21, 2007

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? [] Yes [xx] No

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

Name: Kyle Epele
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
[xx] 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.

Kyle Epele, Reg. # 34,155

Name of Person Signing

Signature

May 21, 2007

Date

Total number of pages comprising cover sheet [1]

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

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

ASSIGNMENT OF INVENTION

WHEREAS, **Patrick Y. Hwang**, of Marion, County of Linn, and State of Iowa; and **R. Grover Brown** of Clear Lake, County of Cerro Gordo, and State of Iowa, hereinafter sometimes referred to as the "inventors", have invented jointly certain new and useful improvements in

**Integrity-Optimized Receiver Autonomous Integrity Monitoring (RAIM)
For Vertical Integrity Monitoring**

which invention or inventions (hereinafter referred to as the "invention") have been disclosed to and filed, under Docket No. **06CR580/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.

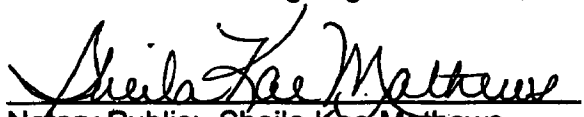
Executed at **Cedar Rapids**, County of Linn and State of Iowa, this 15th day of **March**, 2007.



Patrick Y. Hwang Inventor

State of **Iowa**)
County of **Linn**)

On this 15th day of **March**, 2007 before me personally appeared **Patrick Y. Hwang** 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: **02/15/2008**
Commission Number: **155044**

(Seal)



Executed at **Clear Lake**, County of **Cerro Gordo** and State of **Iowa**, this 9 day of **May**,
2007.

R. Grover Brown
R. Grover Brown Inventor

State of IOWA)
County of Cerro Gordo)

On this 9th day of **May**, 2007 before me personally appeared **R. Grover Brown**, to me known to be the person whose names are subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

Joan K. Hill

Notary Public:
My Commission Expires: 4-9-08
Commission Number: 221879

(Seal)

