

FORM PTO-1595

U.S. DEPARTMENT OF COMMERCE

1-31-92

RECORDATION FORM COVER SHEET

Patent and Trademark Office

Docket N° 07CR062/KE

PATENTS ONLY

1. Name of conveying party(ies):

Ryan M. Murphy

Additional name(s) of conveying party(les) attached?

☐ YES ☒ NO

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

Rockwell Collins, Inc.
400 Collins Road NE
M/S 124-323
Cedar Rapids, IA 52498

Additional name(s) and Address(es) attached:?

☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: 10/01/2007

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

Serial N° 11/906,113 Filed: September 28, 2007

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

A. Patent Application No.(s)

11/906,113

B. Patent No.(s)Additional numbers attached: ☐ YES ☒ NO5. Name and address of party to whom
correspondence concerning document should be
mailed:**Customer No. 26383**

Rockwell Collins, Inc.

Kyle Eppel
400 Collins Road, NE

M/S 124-323

Cedar Rapids, IA 52498

6. Total number of applications and patents
Involved: **ONE**

7. Total fee (37 CFR 3.41)

\$ 40.00☒ Authorized to be charged to deposit

account 19-4882.

(Attach duplicate copy of this page if paying by deposit account).

DO NOT USE THIS SPACE

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.
Scot M. Ringenberg, Reg. No. 56,989

DATE: December 11, 2007

Total number of pages including cover sheet: **THREE**

CH \$40.00 194882 11906113

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PATENT
REEL: 020236 FRAME: 0466

ASSIGNMENT OF INVENTION

WILLIAM S. JR. and M. Murphy, of Marion, County of Junin, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvement in

METHOD AND SYSTEM FOR DETECTING CARRIER WAVE DROPOUT

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Patent No. 03/R063111, 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 the 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 Credit Union County of Junin and State of Iowa
this 1 day of October, 2007.

Ryan M. Murphy
RYAN M. MURPHY

State of Iowa
County of Junin

On this 1st day of October, 2007, before me personally appeared RYAN M. MURPHY to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.



NANCY NEUMEYER
Commission Number 177277
MY COMMISSION EXPIRES

16224-C-11110-0015
Notary Public: 16224-C-11110-0015
My Commission Expires: 01-30-08
Commission Number: 175877

PATENT