

11-26-2007

FORM PTO-1595

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11/14/2007

1-31-92

REC:



DEPARTMENT OF COMMERCE

Patent and Trademark Office

Docket No. 07CR412/KE

103463821

1. Name of conveying party(ies):

John Thommana
Roy C. Moore
Lizy Paul
Steven J. Zaugg

Additional name(s) of conveying party(ies) 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: November 9, 2007; November 9, 2007; November 13, 2007; November 9, 2007

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

Serial N°

Filed: November 14, 2007

Express Mail Label N°: EM005739249US

If this document is being filed together with a new application, the execution date of the application is: November 14, 2007.

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:

Customer No. 26383

Rockwell Collins, Inc.

Kyle Eppele
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

☒ The Commissioner is hereby authorized to charge
the recordation fee 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.

11/23/2007 M6ETACHE 00000047 194882 11985215

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48.00 DA

DATE: November 14, 2007

Total number of pages including cover sheet: **ONE (1)**


Marianne R. Timm Reg. N° 58085

Please return signed/Recorded to:

CUSTOMER NO. 23531

Sean Patrick Suiter

SUITER • SWANTZ PC LLO

14301 FNB Parkway, Suite 220

Omaha, NE 68154-5299

ASSIGNMENT OF U.S. PATENT APPLICATION
(sole or joint inventor(s))

WHEREAS, the undersigned, to wit:

- 1) John Thommana
- 2) Lizy Paul
- 3) Roy C. Moore
- 4) Steven J. Zaugg

(hereinafter collectively ASSIGNOR), have made application for United States Letters Patent

(a) X which was executed and is being filed herewith in the United States Patent and Trademark Office, titled **DIRECT SEQUENCE SPREAD SPECTRUM SYSTEM AND METHOD THEREOF**

(b) which was filed on and titled

(c) which was filed on and known as Appln. No. , titled

AND WHEREAS, Rockwell Collins, Inc. (hereinafter ASSIGNEE), a corporation organized and existing under the laws of , and having its principal place of business at 400 Collins Road NE, M/S 124-323, Cedar Rapids, IA, 52498, is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives its entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as ASSIGNOR's interest is concerned, to the said ASSIGNEE of ASSIGNOR's entire right, title and interest.

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world

including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees to communicate with said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby grant(s) the firm of SUITER • SWANTZ PC LLO or its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

Signed at Cedar Rapids, in the County of LINN, State of Iowa,
this 9th day of November, 2007.

John Thom
John Thommana

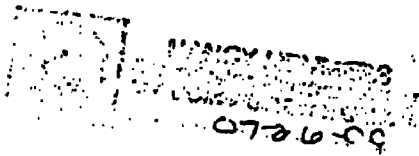
STATE OF Iowa)

COUNTY OF Linn)

I, Nancy A. Nemmers a Notary Public in and for the County and State aforesaid,
(my Commission expires on 07-26-09) do hereby certify that John Thommana personally
known to me to be the same person whose name is subscribed to the foregoing instrument, appeared
before me this day in person and acknowledged that he signed, sealed and delivered the said
instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 9th day of November, 2007

(SEAL)



Nancy A. Nemmers
Notary Public

Signed at Cedar Rapids, in the County of Linn, State of Iowa
this 9th day of November, 2007.

Roy C. Moore
Roy C. Moore

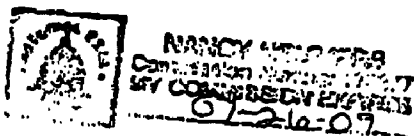
STATE OF Iowa)

COUNTY OF Linn)

I, Nancy A. Nemmers a Notary Public in and for the County and State aforesaid,
(my Commission expires on 07-26-09) do hereby certify that Roy C. Moore personally
known to me to be the same person whose name is subscribed to the foregoing instrument, appeared
before me this day in person and acknowledged that he signed, sealed and delivered the said
instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 9th day of November, 2007.

(SEAL)



Nancy A. Nemmers
Notary Public

Signed at Cedar Rapids, in the County of Linn, State of Iowa
 this 13 day of November, 2007

Lizy Paul
 Lizy Paul

STATE OF Iowa)

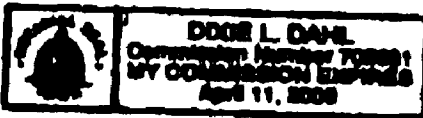
COUNTY OF LINN)

I, Dixie L. Dahl, a Notary Public in and for the County and State aforesaid,
 (my Commission expires on April 11, 2009) do hereby certify that Lizy Paul personally known
 to me to be the same person whose name is subscribed to the foregoing instrument, appeared before
 me this day in person and acknowledged that he signed, sealed and delivered the said instrument as
 his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 13 day of November, 2007.

(SEAL)

Dixie L. Dahl
 Notary Public



Signed at Cedar Rapids, in the County of Linn, State of Iowa,
this 9th day of November, 2007.

Steven J. Zaugg
Steven J. Zaugg

STATE OF Iowa)

COUNTY OF Linn)

I, Nancy A. Nemmers a Notary Public in and for the County and State aforesaid,
(my Commission expires on 07-26-09) do hereby certify that Steven J. Zaugg personally
known to me to be the same person whose name is subscribed to the foregoing instrument, appeared
before me this day in person and acknowledged that he signed, scaled and delivered the said
instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 9th day of November, 2007

(SEAL)



NANCY A. NEMMERS
Notary Public, State of Iowa
MY COMMISSION EXPIRES
07-26-09

Nancy A. Nemmers
Notary Public