PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | |
|-----------------------|----------------|--|--|--|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Nigel G. Barsby | 06/16/2011 |
| Angelo J. Joseph | 06/16/2011 |

RECEIVING PARTY DATA

| 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

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13162148 |

CORRESPONDENCE DATA

Fax Number: (319)295-8777

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 319-295-8280

Email: skmathew@rockwellcollins.com

Correspondent Name: ROCKWELL COLLINS, INC. INTELLECTUAL PROP

Address Line 1: 400 COLLINS ROAD NE

Address Line 2: M/S 124-323

Address Line 4: CEDAR RAPIDS, IOWA 52498

| ATTORNEY DOCKET NUMBER: | 11CR025 | | |
|-------------------------|---------------------|--|--|
| NAME OF SUBMITTER: | Jeffrey M. Andersen | | |

Total Attachments: 2

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PATENT REEL: 026455 FRAME: 0252 1 \$40.00 13162

501566870

ASSIGNMENT OF INVENTION

WHEREAS, Nigel G. Barsby, of Palm Bay, County of <u>Barrago</u>, and State of Florida, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

MULTIPLE GNSS CONSTELLATION TRACKING FOR A BLENDED NAVIGATION SOLUTION which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 11CR025, 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.

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| | | | | NIGE | L G. BARSBY | Book |
| State of County of | Fco2:0A Raccons | ,) | | | | |
| On | this 16 day of | | | , 2011, | before me personally | appeared |
| NIGEL G. | BARSBY to me kno | wn to be the p | erson w | hose name | ls subscribed to the | foregoing |
| ineterman | achalumnular tare | d to mathat h | a avariñ | ed the can | 100 | |

My Commission Expires:

BANCRA F. MCIRTYRE
Rotary Public - STRV of Florida
My Coones. Expires Sep 24, 3014
Commission # EE 27273
audid Through National Hidday Assn.

Commission Number: <u>££ 17273</u>

PATENT

REEL: 026455 FRAME: 0253

ASSIGNMENT OF INVENTION

WHEREAS, Angelo J. Joseph, of Melbourne, County of <u>Brevarel</u>, and State of Florida, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

MULTIPLE GNSS CONSTELLATION TRACKING FOR A BLENDED NAVIGATION SOLUTION which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 11CRO25, 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 _ | ILIETRON | en e | , Cou | nty of _ | DKEVAKD | and |
|----------------|-------------------------------------|----------|-------------|--------|---------------|---------------------------------|------------|
| State | of <u>FLORIDA</u> | | this ib_ | day of | Jun | <u>e</u> , 20 <u>11</u> . | |
| | | | *** *** | | 2000000000 | Jan 2 de | |
| | | | | | 4A | KGELÓ J. JOSEPH | |
| State Count | of <u>762.</u> y of <u>1500.</u> | <u> </u> | يخالف يكالم | | | | |
| | On this 16 | day of | Ture | | , 20 <u> </u> | <u>)</u> , before me personally | y appeared |

ANGELO J. JOSEPH to me known to be the person whose name is subscribed to the foregoing

instrument, and acknowledged to me that he executed the same.

BAKORA K. MCINTYNE

BAKORA K. MCINTYNE

BAKORY Poblic - State of Rende

Bry Comm. Expires See 24, 2014

Commission # 85 27773

Brokel Terosch Mellery Asse.

Notary Public: Andre 1 1/2/25 & My Commission Expires: 3,3,24,20,14 Commission Number: EL 27273

PATENT

REEL: 026455 FRAME: 0254