

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| Kim S. Jepsen | 06/18/2010 |
| Raymond Zaroni | 06/18/2010 |
| Mark A. La Liberte | 06/18/2010 |
| Alistair J. Price | 06/18/2010 |
| Peter J. Morgan | 06/18/2010 |

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: | 12819481 |

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:

10CR195

CH \$40.00 12819481

501210322

PATENT
REEL: 024566 FRAME: 0370

NAME OF SUBMITTER:

Jeffrey M. Andersen

Total Attachments: 5

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ASSIGNMENT OF INVENTION

WHEREAS, Kim S. Jepsen, of Ellicott City, County of Howard, and State of Maryland, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SYSTEMS AND METHODS FOR REDUCING MECHANICAL SENSITIVITY OF PHASE SENSITIVE OPTICAL SIGNALS

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 10CR195, 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 Columbia, County of Howard and State of Maryland, this 18th day of June, 2010.

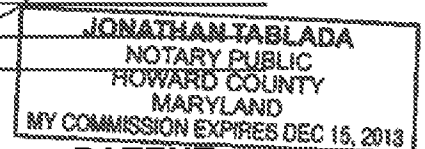
Kim Jepsen
KIM S. JEPSEN

State of Maryland)
County of Howard)

On this 18 day of June, 2010, before me personally appeared KIM S. JEPSEN to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(Seal)

Notary Public: [Signature]
My Commission Expires: [Signature]
Commission Number: [Signature]



PATENT

REEL: 024566 FRAME: 0372

ASSIGNMENT OF INVENTION

WHEREAS, Raymond Zanonl, of Columbia, County of Howard, and State of Maryland, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SYSTEMS AND METHODS FOR REDUCING MECHANICAL SENSITIVITY OF PHASE SENSITIVE OPTICAL SIGNALS

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 10CR195, 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.

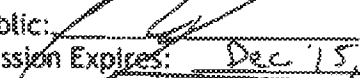
Executed at Columbia, County of Howard and State of Maryland, this 18th day of June, 2010

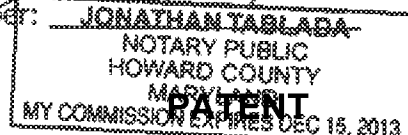

RAYMOND ZANONI

State of Maryland)
County of Howard)

On this 18 day of June, 2010, before me personally appeared RAYMOND ZANONI to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(Seal)

Notary Public: 
My Commission Expires: Dec 15, 2013
Commission Number: JONATHAN TABLADA



REEL: 024566 FRAME: 0373

ASSIGNMENT OF INVENTION

WHEREAS, Mark A. Laliberte, of Columbia, County of Howard, and State of Maryland, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SYSTEMS AND METHODS FOR REDUCING MECHANICAL SENSITIVITY OF PHASE SENSITIVE OPTICAL SIGNALS

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 10CR195, 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 Columbia, County of Howard and State of Maryland, this 18th day of June, 2010.



MARK A. LALIBERTE

State of Maryland)
County of Howard)

On this 18 day of June, 2010, before me personally appeared MARK A. LALIBERTE to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(Seal)

Notary Public:
My Commission Expires: JONATHAN TABLADA
Commission Number: NOTARY PUBLIC
HOWARD COUNTY
MARYLAND
MY COMMISSION EXPIRES DEC 15, 2013

PATENT

REEL: 024566 FRAME: 0374

ASSIGNMENT OF INVENTION

WHEREAS, Alistair J. Price, of Ellicott City, County of HOWARD, and State of Maryland, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SYSTEMS AND METHODS FOR REDUCING MECHANICAL SENSITIVITY OF PHASE SENSITIVE OPTICAL SIGNALS

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 10CR195, 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 BANK OF AMERICA, County of HOWARD and State of MARYLAND, this 18th day of JUNE, 2010.

A J Price
ALISTAIR J. PRICE

State of MD (Maryland)
County of Howard

On this 18 day of June, 2010, before me personally appeared ALISTAIR J. PRICE to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(Seal)

Notary Public: [Signature]
My Commission Expires: JONATHAN TABLADA
Commission Number: NOTARY PUBLIC
HOWARD COUNTY
MARYLAND
MY COMMISSION EXPIRES DEC 15, 2013

ASSIGNMENT OF INVENTION

WHEREAS, Peter J. Morgan, of Glenelg, County of Howard, and State of Maryland, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SYSTEMS AND METHODS FOR REDUCING MECHANICAL SENSITIVITY OF PHASE SENSITIVE OPTICAL SIGNALS

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 10CR195, 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 Columbia, County of Howard and State of Maryland, this 18th day of June, 2010.

Peter J. Morgan
PETER J. MORGAN

State of Maryland)
County of Howard)

On this 18 day of June, 2010, before me personally appeared PETER J. MORGAN to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

(Seal)

Notary Public: [Signature]
My Commission Expires: JONATHAN TABLADA
Commission Number: NOTARY PUBLIC
HOWARD COUNTY
MARYLAND
MY COMMISSION EXPIRES DEC 15, 2013

PATENT