

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4188453

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KIM S. JEPSEN	12/07/2016
WENLU CHEN	12/09/2016
RAYMOND ZANONI	12/07/2016
MARK A. LALIBERTE	12/09/2016
OLIVER S. KING	12/09/2016
RECEIVING PARTY DATA	
Name:	ROCKWELL COLLINS, INC.
Street Address:	400 COLLINS ROAD NE
Internal Address:	ATTN: 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:	15380953
CORRESPONDENCE DATA	
Fax Number:	(402)496-0333
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	402.496.0300
Email:	file@suiter.com
Correspondent Name:	ROCKWELL COLLINS, INC./SUITER SWANTZ SUI
Address Line 1:	14301 FNB PARKWAY
Address Line 2:	SUITE 220
Address Line 4:	OMAHA, NEBRASKA 68154
ATTORNEY DOCKET NUMBER:	13CR677
NAME OF SUBMITTER:	ERIC M. NEWHOUSE
SIGNATURE:	/eric m newhouse/
DATE SIGNED:	12/15/2016

Total Attachments: 5

source=13CR677_Assignment#page1.tif

source=13CR677_Assignment#page2.tif

source=13CR677_Assignment#page3.tif

source=13CR677_Assignment#page4.tif

source=13CR677_Assignment#page5.tif

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

LINEARIZATION OF PHOTONIC ANALOG-DIGITAL CONVERTER (pADC) SYSTEM BASED ON MULTI-DIMENSIONAL QUANTIZATION (MDQ)

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR677, 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 LANHAM, County of PRINCE GEORGES and State of MARYLAND, this 7th day of DECEMBER, 2016.

Kim S. Jepsen
Kim S. Jepsen

State of Maryland
County of Prince Georges

On this 7th day of December, 2016, 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.

DARYL HANNAH A. RODRIGUEZ
NOTARY PUBLIC - MARYLAND
PRINCE GEORGES COUNTY
MY COMMISSION EXPIRES
DECEMBER 09, 2019

Notary Public: [Signature]
My Commission Expires: 12/09/2019
Commission Number: 40581

PATENT
REEL: 040638 FRAME: 0388

ASSIGNMENT OF INVENTION

WHEREAS, Wenlu Chen, of Clarksville, County of Howard, and State of Maryland, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

LINEARIZATION OF PHOTONIC ANALOG-DIGITAL CONVERTER (pADC) SYSTEM BASED ON MULTI-DIMENSIONAL QUANTIZATION (MDQ)

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR677, 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 9th day of December, 2016.

Wenlu Chen
Wenlu Chen

State of Maryland)
County of Howard)

On this 9th day of December, 2016, before me personally appeared Wenlu Chen 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: Dorice E. Williams
My Commission Expires: 08/26/2019
Commission Number: _____

ASSIGNMENT OF INVENTION

WHEREAS, Raymond Zaroni, of Marion, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

LINEARIZATION OF PHOTONIC ANALOG-DIGITAL CONVERTER (pADC) SYSTEM
BASED ON MULTI-DIMENSIONAL QUANTIZATION (MDQ)

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR677, 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.

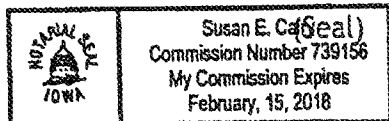
FURTHER, said inventor hereby agrees to sign all lawful papers necessary or helpful in obtaining patents, whether U.S. or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Cedar Rapids, County of Linn and State of Iowa, this 7 day of December, 2016.

[Signature]
Raymond Zaroni

State of Iowa)
County of Linn)

On this 7th day of December, 2016, before me personally appeared Raymond Zaroni to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.



Notary Public: [Signature]
My Commission Expires: 2-15-2018
Commission Number: 739156

PATENT

REEL: 040638 FRAME: 0390

ASSIGNMENT OF INVENTION

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

LINEARIZATION OF PHOTONIC ANALOG-DIGITAL CONVERTER (pADC) SYSTEM
BASED ON MULTI-DIMENSIONAL QUANTIZATION (MDQ)

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR677, 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.

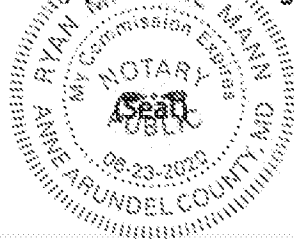
Executed at Columbia, County of Anne Arundel and State of Maryland, this 9th day of December, 2016.




Mark A. Laliberte

State of Maryland)
County of Anne Arundel)

On this 9th day of December, 2016, 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.



Notary Public: 
My Commission Expires: 08/23/2020
Commission Number: - void -

ASSIGNMENT OF INVENTION

WHEREAS, Oliver S. King, of Frederick, County of ~~FREDERICK~~ and State of Maryland, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

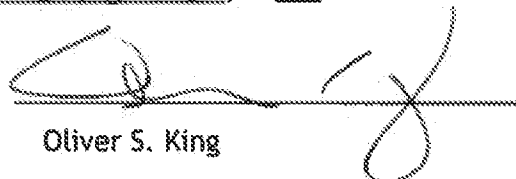
LINEARIZATION OF PHOTONIC ANALOG-DIGITAL CONVERTER (pADC) SYSTEM
BASED ON MULTI-DIMENSIONAL QUANTIZATION (MDQ)

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 13CR677, 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 ANNE ARUNDEL and State of MARYLAND, this 9th day of DECEMBER, 2016.


Oliver S. King

State of Maryland)
County of Anne Arundel)

On this 9th day of December, 2016, before me personally appeared Oliver S. King, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.



Notary Public: Ryan Michael Espinoza
My Commission Expires: 06/23/2020
Commission Number: - void -

PATENT