501799770 01/26/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nathan P. Lower	09/29/2008
Ross K. Wilcoxon	09/29/2008
Alan P. Boone	09/29/2008
Nathaniel P. Wyckoff	09/29/2008
Brandon C. Hamilton	09/29/2008

RECEIVING PARTY DATA

Name:	Rockwell Collins, Inc.	
Street Address:	400 Collins Road NE	
Internal Address:	M/S 124-323	
City:	Cedar Rapids	
State/Country:	IOWA	
Postal Code:	52498	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13359105

CORRESPONDENCE DATA

Fax Number: (414)297-4900 Phone: 414-271-2400

PTOMailMilwaukee@foley.com, csimpson@foley.com Email:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: **BRUCE WU**

Address Line 1: 777 EAST WISCONSIN AVENUE

Address Line 2: **FOLEY & LARDNER LLP**

Address Line 4: MILWAUKEE, WISCONSIN 53202-5306

ATTORNEY DOCKET NUMBER: (08CR461D/KE) 047141-0838

NAME OF SUBMITTER:	Bruce Wu
Total Attachments: 5 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif	

WHEREAS, Nathan P. Lower, of North Liberty, County of Johnson, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in GLASS THICK FILM EMBEDDED PASSIVE MATERIAL

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 08CR461 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 Out., this Auday of September, 2008.

NATHAN P. LOWER

State of LINN

County of LINN

On this day of September, 20 8, before me personally appeared NATHAN P. LOWER to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

SHEILA KAE MATHEWS
Commission Number 155044
MY COMMISSION EXPIRES

My Commission Expires:

Commission Number:

WHEREAS, Ross K. Wilcoxon, of Cedar Rapids, County of Lind, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in GLASS THICK FILM EMBEDDED PASSIVE MATERIAL

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 08CR461 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 FNAR RAPINS, County of UINN and State of 1000, this Aday of September, 2008.

ROSS K. WILCOXON

State of Inwa
County of WINN

On this day of Septem her, 20 N, before me personally appeared ROSS K. WILCOXON to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

SHEILA KAE MATHEWS
Commission Number 155044
MY COMMISSION EXPIRES

WHEREAS, Alan P. Boone, of Swisher, County of Linu, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

GLASS THICK FILM EMBEDDED PASSIVE MATERIAL

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 08CR461 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 <u>CEDAR KAPIDS</u>, County of <u>WINN</u> and State of <u>TOWA</u>, this He day of <u>September</u>, 2008.

ALAN P. BOONE

State of Linn

On this Aday of Septem New, 2008, before me personally appeared ALAN P. BOONE to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

SHEILA KAE MATHEWS
Commission Number 155044
MY COMMISSION EXPIRES

Notary Public Jula Hall Matteet

My Commission Expires: 03/15/201/

Commission Number: 155044

WHEREAS, Nathaniel P. Wyckoff, of Cedar Rapids, County of LIND, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in GLASS THICK FILM EMBEDDED PASSIVE MATERIAL

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 08CR461 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 CENAR RAPIDS, County of WINN and State of Journal of Journal of State of Journal of State of Journal of State of Stat

NATHANIEL P. WYCKOFF

Datheyy luyel

State of

County of

On this day of 2000, before me personally appeared NATHANIEL P. WYCKOFF to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

SHEILA KAE MATHEWS
Commission Number 155044
MY COMMISSION EXPIRES

Notary Public

My Commission Expires:

Commission Number:

WHEREAS, Brandon C. Hamilton, of Cedar Rapids, County of <u>WINN</u>, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in GLASS THICK FILM EMBEDDED PASSIVE MATERIAL

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 08CR461 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 FOAR RAPIOS	, County of	WINN	and State of
Tou	this 20 day of	sentember	_, 20 <u>08</u> .	

Brand C. Hannet

State of LowA
County of LowA

On this Aday of 2005, before me personally appeared BRANDON C. HAMILTON to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

SHEILA KAE MATHEWS
A SHEILA KA

My Commission Expires:

Commission Number:

PATENT REEL: 027602 FRAME: 0269

RECORDED: 01/26/2012