501881445 04/09/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KARL F. HOECH	04/02/2012
JAMES N. POTTS	04/02/2012
GREGORY W. RICE	04/02/2012
MARK A. BORTZ	04/02/2012

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:	13442061

CORRESPONDENCE DATA

Fax Number: (319)295-8777 Phone: 319-295-8280

Email: dmbarbie@rockwellcollins.com

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

via US Mail.

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:	11CR264	
NAME OF SUBMITTER:	LAWRENCE N. GINSBERG	PATENT

501881445 REEL: 028011 FRAME: 0814

TOP \$40.00 13442061

Total Attachments: 4

source=11CR264-Assignments_uspto#page1.tif source=11CR264-Assignments_uspto#page2.tif

source=11CR264-Assignments_uspto#page3.tif

source=11CR264-Assignments_uspto#page4.tif

PATENT REEL: 028011 FRAME: 0815

WHEREAS, GREGORY W. RICE of Cedar Rapids, County of Linn, State of Iowa hereinafter sometimes referred to as "said Inventor", has invented certain new and useful improvements in

SYSTEM AND METHOD FOR PROTECTING CERTIFICATE APPLICATIONS USING A HARDENED PROXY

which invention or inventions (hereinafter referred to as "Inventions") have been disclosed to and filed, under Docket No. 11CR264 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.

	Exe	cuted at	Cedar	Rapid	ر د Co	unty of	Linn	, and
State of	Iowa this_	200	day of	APril		ر, 2012. [—]		***********
				Ψ:		_ 		
					GREGOI	RY/W.RIG	CE, Inventor	
~	of Alm	***************************************)) SS:					
Before	me perso	nally ar	peared sa	id	<u> 1949 - 1</u>	<u>VCL.</u>		and
acknowle	edge, the i	foregoing	instrumer	ıt_to be ∕i	iis free act	and deed	this Z	_ day of
	LYNÛ		, 20_ <i></i>			w 2	Cairy	
Seal	* A *	Notary Public Commission My Commis	E CAIRY , State of lowa t No. 739156 sion Expires 15, 2015		Notary Pu	blic		·····

WHEREAS, MARK A. BORTZ of Robins, County of Linn, State of Iowa hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SYSTEM AND METHOD FOR PROTECTING CERTIFICATE APPLICATIONS USING A HARDENED PROXY

which invention or inventions (hereinafter referred to as "Inventions") have been disclosed to and filed, under Docket No. 11CR264 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 Ro State of Iowa this 2/d day of Apr	$\frac{\alpha P_i d_s}{\sqrt{1 - \frac{2012}{1}}}$, County of $\frac{C_i n n}{\sqrt{1 - \frac{2012}{1}}}$, and
	Mas A. Bes
	MARK A. BORTZ, Inventor
State of <u>IOWA</u> County of <u>Linn</u> SS:	
Before me personally appeared saidacknowledge the foregoing instrument to b	Mark Bort Z and leed this 2nd day of
	Sugar E Cairy
Seal * SUSAN E CAIRY Notary Public, State of lowe Commission No. 739156 My Commission Expires	Notary Public

70WN

February 15, 2015

PATENT REEL: 028011 FRAME: 0817

WHEREAS, KARL F. HOECH of Cedar Rapids, County of Linn, State of Iowa hereinafter sometimes referred to as "said Inventor", has invented certain new and useful improvements in

SYSTEM AND METHOD FOR PROTECTING CERTIFICATE APPLICATIONS USING A HARDENED PROXY

which invention or inventions (hereinafter referred to as "Inventions") have been disclosed to and filed, under Docket No. 11CR264 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>lodar Rapids</u> , County of <u>linn</u> State of Iowa this <u>2 day of April</u> , 2012.	, and
In Thorn	p ^r
KARL F. HOECH, Inventor	
State of Love. County of Jim. SS: Before me personally appeared said Kul Hoech	and
acknowledge the foregoing instrument to be his free act and deed this 20/2.	day of
() () () () () () () ()	
SIGE SI VENUES SHOW TO SHOW T	·

Seal

WHEREAS, JAMES N. POTTS of Cedar Rapids, County of Linn, State of Iowa hereinafter sometimes referred to as "said Inventor", has invented certain new and useful improvements in

SYSTEM AND METHOD FOR PROTECTING CERTIFICATE APPLICATIONS USING A HARDENED PROXY

which invention or inventions (hereinafter referred to as "Inventions") have been disclosed to and filed, under Docket No. 11CR264 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.

State of I	Executed at lowa this 200	Cedar Ka	pids pril	, County of, 2012.	Linn	, and
			JA	MES N. POTTS	, Inventor	
State of County of Before	/	SS:	Jas	nes Polls		and
(1)	知度 the foregoing アルル	instrument t		ee act and deed	t this <u>Iro</u> l Elawy	day of
Seal	Notary Public Commission * My Commis	E CAIRY , State of lowe 1 No. 729158 sion Expires 15, 2015	Not	ary Public	7	

PATENT
RECORDED: 04/09/2012 REEL: 028011 FRAME: 0819