PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2784863

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARLO L. TIANA	03/24/2014
SARAH BARBER	03/21/2014
KENNETH A. ZIMMERMAN	03/24/2014

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:	14225062

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	13FD641 (047141-0986)	
NAME OF SUBMITTER:	JOSEPH N. ZIEBERT	
SIGNATURE:	/Joseph N. Ziebert/	
DATE SIGNED:	03/25/2014	

Total Attachments: 5

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PATENT REEL: 032523 FRAME: 0108

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Rockwell Collins, Inc. 400 Collins Road NE M/S 124-323 Cedar Rapids, Iowa 52498

as set forth in this United States Patent Application

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

NEAR EYE DISPLAY SYSTEM AND METHOD FOR DISPLAY ENHANCEMENT OR REDUNDANCY

	• •	
check one	[X] executed concurrently herewith,	
	executed on	
	Serial No.	Filed

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

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4846-4072-7633.1

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 24 day of MARCH	<u>, 2014</u> .
	Ch_
State of <u>OREGON</u>)	CARLO L. TIANA
County of <u>Clackama5</u>)	
On this Hay of MARCH 20 H before for said county), personally appeared CARLO L. TIANA, who proved to me subscribed to the within instrument and acknowledged to me that he/she es signature on the instrument the person, or the entity upon behalf of which the signature of the instrument that he/she estimated the person, or the entity upon behalf of which the signature of the instrument that he/she estimated the person is the entity upon behalf of which the person is the entity upon behalf of which the person is the entity upon behalf of which the person is the entity upon behalf of which the person is the entity upon behalf of which the entity upon	eccuted the same in his/her authorized capacity, and that by his/her
WITNESS my band and official seal	
Signature alisa a. Bear	CFFCRA SCA. ALIBA A BEAR
My Commission Expires 5/5/2017	MOTATY PUBLIC CRESCON COMMISSION NO AUTTER MOTATY PUBLIC CRESCON COMISSION NO AUTTER MOTATY PUBLIC CRESCON COMMISSION NO AUTTER MOTATY PUBLIC CRESCON COMMISSION NO AUTTER MOTATY PUBLIC CRESCON COMI
Executed this day of	
	SARAH BARBER
State of)	
County of)	
On thisday of, 70, before for said county), personally appeared SARAH BARBER, who proved to me subscribed to the within instrument and acknowledged to me that he/she e signature on the instrument the person, or the entity upon behalf of which	xecuted the same in his/her authorized capacity, and that by his/her
WITNESS my hand and official seal.	
Signature	
My Commission Expires	

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Executed this	day of	######################################	, 20		
Stuan of	,		Table and a special of the second state of the	CARLO L. T	TANA
State of					
County of)				
On this day of for said county), personally appeared subscribed to the within instrument a signature on the instrument the perso	nd acknowledged	to me that he/sh	e executed the same	e in his/her authorized	capacity, and that by his/her
WITNESS my hand and official seal.					
Signature		nd ettamoradotona			
My Commission Expires	un.				
Executed this Z	day of _	March	20 <u>14</u> .	eral B	ake.
State of <u>Lowa</u>)			SARAH BA	RBER
County of LINN)				
On this day of for said county), personally appeared subscribed to the within instrument a signature on the instrument the personal signature.	l SARAH BARBE und acknowledged	R, who proved to to me that he/sh	ie executed the sam-	f satisfactory evidence e in his/her authorized	capacity, and that by his/her
WITNESS my hand and official scal Signature	The Ma	thuu	t		
My Commission Expires:	115/201	7			
SHEILA KAE MA Commission Numbe MY COMMISSION E	r 155044				

Page 3 of 4

Executed this 24 day of March	, 20 <u>14</u> ,
	Renneth O. Zimmerman KENNETHA. ZIMMERMAN
	KENNETH/A. ZIMMERMAN
State of <u>Onlbon</u>)	v
County of Clackamas)	
On this 24 day of MACh 2014 befor for said county), personally appeared KENNETH A ZIMMERMAN, when whose name is subscribed to the within instrument and acknowledged to that by his/her signature on the instrument the person, or the entity upon	me that he/she executed the same in his/her authorized capacity, and
WITNESS my hand and official scal Signature Olisa a Bean	
My Commission Expires: 5.5.2017	S POTRAT PUBLIC - OFFICE AT THE COMMENT OF THE COME

RECORDED: 03/25/2014