502782117 04/24/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
DANIEL S. WALD	03/27/2014
BRANDON E. WILSON	03/27/2014
ERIC P. STRATTON	03/27/2014
CONOR D. KELLY	04/11/2014

RECEIVING PARTY DATA

Name:	ROCKWELL COLLINS, INC.	
Street Address:	400 COLLINS ROAD NE	
Internal Address:	M/S 124-323	
City:	CEDAR RAPIDS	
State/Country:	WISCONSIN	
Postal Code:	52498	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14260943

CORRESPONDENCE DATA

Fax Number: (319)295-8777

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

US Mail.

Phone: 319-295-1184

Email: skmathew@rockwellcollins.com, csimpson@foley.com
Correspondent Name: ROCKWELL COLLINS, INC. INTELLECTUAL PROP

Address Line 1: 400 COLLINS ROAD NE

Address Line 2: M/S 124-323

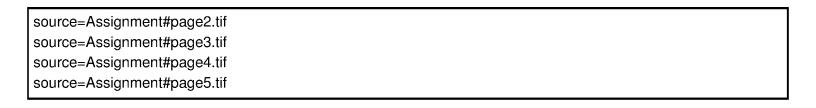
Address Line 4: CEDAR RAPIDS, IOWA 52498

ATTORNEY DOCKET NUMBER: 13FD800 (047141-0988)		
NAME OF SUBMITTER:	JOSEPH N. ZIEBERT	
SIGNATURE:	/Joseph N. Ziebert/	
DATE SIGNED:	04/24/2014	

Total Attachments: 5

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502782117 PATENT REEL: 032752 FRAME: 0206



PATENT REEL: 032752 FRAME: 0207

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

A HUD SYSTEM AND METHOD WITH DYNAMIC LIGHT EXCLUSION

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

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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4831-7870-1849.1

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 27 day of March	
v.	D_Wald
State of Oregon County of Clarkows	DANIEL S. WALD
On this 27th day of 17xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	executed the same in his/her authorized capacity, and that by his/her
WITNESS my land and official scal. Signature Torre Reschipent	OFFICIAL SEAL. TORIS LEE BISCHOPINK
My Commission Expires: June 24, 2017	MOTARY PUBLIC - OREGON COMMISSION NO. 478879 MY COMMISSION EXPIRES JUNE 24, 2017
Executed this 27 day of March	, 20 <u>14</u> .
State of Oregon County of Clarkamas	BRANDON E. WILSON
On this 277 day of Way UCA 2014, befor for said county), personally appeared BRANDON E. WILSON, who provenume is subscribed to the within instrument and acknowledged to me that his/bas signature on the instrument the person, or the entity upon behalf of	holdse executed the same in his Asse authorized capacity, and that by
WITNESS my hand and official seal. Signature Colic Bull Cyling. My Commission Expires: June 24, 2017	OFFICIAL SEAL TORIE LEE BIBCHOPINK NOTARY PUBLIC - OREGON COMMISSION NO. 478879 MY COMMISSION EXPIRES JUNE 24, 2017

Executed this 37 day of MARCH	, 20 <u>14</u> ,
-	ERIC P. STRATTON
State of Oregon County of Clarkonnas	
On this 2 day of 10 yellow 2014, before for said county), personally appeared ERIC P. STRATTON, who proved is subscribed to the within instrument and acknowledged to me that he is signature on the instrument the person, or the entity upon behalf of which	e executed the same in his/lest authorized capacity, and that by his/lest
WITNESS my hand and official seal. Signature Tore Such penk	OFFICIAL SEAL
My Commission Expires: June 27, 2017	TORIE LEE BISCHOPINK NOTARY PUBLIC - OREGON COMMISSION NO. 478879 MY COMMISSION EXPIRES JUNE 24, 2017
Executed this day of	
w	CONOR D. KELLY
State of)	
County of)	
On this	e executed 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	······································	
		WATER PROPERTY TO BE AREA OF THE STATE OF TH	ERIC P. STRATTON
State of)		
County of	COMMENTAL S		
On this day of for said county), personally appeared E is subscribed to the within instrument a signature on the instrument the person,	and acknowledged to m	e that he/she executed the same	(a notary public in and f satisfactory evidence to be the person whose name in his/her authorized capacity, and that by his/her xecuted the instrument.
WITNESS my hand and official seal.			
Signature	*************************************		
My Commission Expires:			
Executed this 1	_day of 🔏 🙇	il, 20 15 .	
a	,	0000	CONOR D. KELLY
State of Organ County of Gail Rims	monocoone)		
On this day of for said county), personally appeared C is subscribed to the within instrument a signature on the instrument the person,	ind acknowledged to m	e that he/she executed the same	(a notary public in and satisfactory evidence to be the person whose name in his/her authorized capacity, and that by his/her secuted the instrument.
WITNESS my hand and official seal.			
Signature	ПННИКОСНИЙНЕН «посинти» на применения посина пос		
My Commission Expires			

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RECORDED: 04/24/2014