504679153 12/08/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY D	ΔΤΔ					
			Name		Execution Date	
NICHOLAS H. BLOOM					11/16/2017	
ANGUS L. MCLEAN					12/07/2017	
JAMES H. DOTY					11/17/2017	
RECEIVING PARTY D	ATA					
Name:	ROCK	ROCKWELL COLLINS, INC.				
Street Address:	400 C	400 COLLINS ROAD NE				
Internal Address:	M/S 12	M/S 124-323				
City:	CEDA	CEDAR RAPIDS				
State/Country:	IOWA	IOWA				
Postal Code:	52498	52498				
	•					
PROPERTY NUMBERS	S Total: ⁻	l		_		
Property Type			Number			
Application Number:		1583	15836413			
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CORRESPONDENCE	DATA					
			496-0333		it will be sent	
			e-mail address first; if that is uns hat is unsuccessful, it will be sen			
Phone: 402.4		,				
Email: file@		suiter.com				
•		KWELL COLLINS, INC./SUITER SWANTZ SUI				
		D1 FNB PARKWAY				
Address Line 2:		SUITE 220				
Address Line 4:		OMA	HA, NEBRASKA 68154			
ATTORNEY DOCKET NUMBER:			17CR388			
NAME OF SUBMITTER:			JON S. HORNEBER			
SIGNATURE:		/jon s horneber/				
DATE SIGNED:			12/08/2017			
Total Attachments: 3						
source=17CR388_Assign	-	-				
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PATENT REEL: 044342 FRAME: 0587

ASSIGNMENT OF INVENTION

WHEREAS, Nicholas H. Bloom, of Marion, County of \cancel{A} , and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SAFE SYSTEM CONTROLLER FOR AUTONOMOUS VEHICLES

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 17CR388, 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 COMPE ZAPIDS, County of LININ and State of <u>T-NW2A</u>, this <u>16</u> day of <u>Nover REP</u>, 20/7

Nicholas H. Bloom

State of County of

On this <u>10</u> day of <u>November</u>, 20<u>1</u>, before me personally appeared Nicholas H. Bloom to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

Sosan E. Caky Commission Number 239156 My Commission Britist 1 February, 15, 2018 Notary Public: <u>215-2019</u> My Commission Expires: <u>215-2018</u> Commission Number: <u>739/56</u>

> PATENT REEL: 044342 FRAME: 0588

ASSIGNMENT OF INVENTION

WHEREAS, Angus L. McLean, of Bradenton, County of <u>Mauate</u> and State of Florida, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SAFE SYSTEM CONTROLLER FOR AUTONOMOUS VEHICLES

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 17CR388, 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 1815 Le	Kanner Rand Ry County of	Maunter a	nd
State of <u>FLONIDA</u>	_, this day of <u>QTE</u>	, 20 <u>17</u> .	
		6AAN-ZB	
		ingușt. McLean	

State of County of

On this $1^{+/-}$ day of <u>December</u>, 2017, before me personally appeared Angus L. McLean 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: 5112/2019 Commission Number: 205938

PATENT REEL: 044342 FRAME: 0589

(Seal)

WHEREAS, James H. Doty, of Cedar Rapids, County of L in N, and State of Iowa. hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

SAFE SYSTEM CONTROLLER FOR AUTONOMOUS VEHICLES

which invention or inventions (hereinafter referred to as "inventions") have been disclosed to and filed, under Docket No. 17CR388, 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 Repids</u>, County of <u>Linn</u> and State of <u>Iowa</u>, this <u>17</u> day of <u>November</u>, 2017.

James H. Dotv

State of County of

On this 17th day of Novomber , 2017, before me personally appeared James H. Doty to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same.

1	~~~~~	Carl Carl Communication of the carl of the
1	a.8	Linda L. McClean
116	\$ I	Commission Number 188272
1~\$	\$~	My Commission Expires
L		May 20, 2018
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KE(JUI	RDED: 12/08/2017

Notary Public: My Commission Expires: Commission Number:

> PATENT REEL: 044342 FRAME: 0590