502818673 05/21/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2865268

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
SHIH-YIH YOUNG	05/07/2014	
KRISTEN M. JEROME	05/07/2014	

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14283683

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 using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 319-295-1184

Email: sheila.mathews@rockwellcollins.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:	14CR333	
NAME OF SUBMITTER:	RICHARD A. KRUSE	
SIGNATURE: /richard a kruse/		
DATE SIGNED:	05/21/2014	

Total Attachments: 2

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PATENT 502818673 REEL: 032941 FRAME: 0343

ASSIGNMENT OF INVENTION

WHEREAS, Shih-Yih Young, of Marion, County of <u>Linn</u>, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

PREDICTABLE AND REQUIRED TIME OF ARRIVAL COMPLIANT OPTIMIZED PROFILE DESCENTS
WITH FOUR DIMENSIONAL FLIGHT MANAGEMENT SYSTEM AND RELATED METHOD
which invention or inventions (hereinafter referred to as "inventions") have been disclosed to
and filed, under Docket No. 14CR333, 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.

		r reissue applicatio		n.	
Exec	cuted at <u>KoCKh</u>	ell Collins,	County ofi	an	anc
State of	Iona	, this <u></u> day (of May	, 20 <i>/\f.</i>	300000000000000000000000000000000000000
			Shr	l-xi you	ins
			SHIH-YI	H YOUNG	//
State of County of	Iowa Lina				
On t	his 2 day of	May	, 20 <u>/</u> /, be	fore me personally	appeared
SHIH-YIH YO	DUNG to me know	vn to be the perso	n whose name is	subscribed to the	foregoing
		ed to me that he ex		90	
	(Seal)		ry Public:	sar) ((ail	4

Commission Number: 239/56

SUSAN E CAIRY
Notary Public, State of Iowa
Commission No. 739156
My Commission Expires
February 15, 2015

PATENT REEL: 032941 FRAME: 0344

ASSIGNMENT OF INVENTION

WHEREAS, Kristen M. Jerome, of Monticello, County of Linn, and State of Iowa, hereinafter sometimes referred to as "said inventor", has invented certain new and useful improvements in

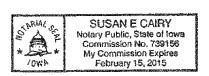
PREDICTABLE AND REQUIRED TIME OF ARRIVAL COMPLIANT OPTIMIZED PROFILE DESCENTS
WITH FOUR DIMENSIONAL FLIGHT MANAGEMENT SYSTEM AND RELATED METHOD
which invention or inventions (hereinafter referred to as "inventions") have been disclosed to
and filed, under Docket No. 14CR333, in the patent files of the inventor's employer,
ROCKWELL COLLINS, INC., and which invention is covered by a patent application, executed

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 Rockwell Collin	s, County of and
_angle_blue_	day of <u>May</u> , 2014.
	Kristen M. Jesome.
State of Sim) County of Sim)	AND THE VENOME.
On this <u>It</u> day of <u>Mac</u>	, 20 //, before me personally appeared
	the person whose name is subscribed to the foregoing
instrument, and acknowledged to me that	it he executed the same.
(Seal)	Notary Public: Obow Cawy My Commission Expires: 2/15/2015

Commission Number: _



RECORDED: 05/21/2014

and filed concurrently herewith.

PATENT REEL: 032941 FRAME: 0345