PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Weston J. Lahr	07/30/2013
Carlo L. Tiana	07/30/2013
lan J. Bull	07/30/2013

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:	13954438

CORRESPONDENCE DATA

Fax Number: 3192958777

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 319-295-8280

Email: skmathew@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:	12FD1899
NAME OF SUBMITTER:	Donna P. Suchy
Signature:	/donna p suchy/

502439447 REEL: 030907 FRAME: 0175

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Date:	07/30/2013
Total Attachments: 3 source=12CR1899_Assignmentxx#page1.tif source=12CR1899_Assignmentxx#page2.tif source=12CR1899_Assignmentxx#page3.tif	

PATENT REEL: 030907 FRAME: 0176

ASSIGNMENT OF INVENTION

WHEREAS and Weston J. Lahr, of Sherwood, County of Washington, and State of Oregon, Carlo L. Tiana, of Portland, County of Multnomah and State of Oragon, and Ian J. Bull, of Portland. County of Multnomah and State of Oregon,; and hereinafter sometimes referred to as the "inventors", have invented jointly certain new and useful improvements in

Object Symbology Generating System, Device, And Method

which invention or inventions (hereinafter referred to as the "invention") have been disclosed to and filed, under Docket No. 12FD1899, in the patent files of the inventors' employer, ROCKWELL COLLINS, INC., and which invention is covered by a patent application filed herewith.

It is now agreed that, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said inventors have 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 and 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 inventors had this Assignment and sale not been made.

FURTHER, said inventors hereby agree to sign all lawful papers necessary or helpful in obtaining patents, whether US or foreign, on said invention or filing any divisional, continuation, substitution, or reissue application on said invention.

Executed at Wilsonville. County of Clackamas and State of Oregon, this 3010 day of July, 2013.

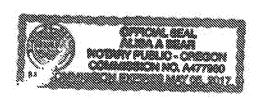
State of Oregon) County of Clackamae 1

On this $2\sqrt{p}$ day of July, 2013 before me personally appeared Weston J. Lahr, to me known to be the person whose names are subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

(Seal)

Notary Public - OREAN My Commission Expires: 19144 5, 2017

My Commission No.: ルンクァタル



Docket No. 12FD 1899 Assignment Page 2

Executed at WILSONVILL , County of Wackamas and State of Oregon, this 30 day of July, 2013.

Inventor

State of Ω regon) County of Clackathath)

On this 20^{18} day of July, 2013 before me personally appeared Carlo L. Tlans, to me known to be the person whose names are subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

(Seal)

Notary Public - DRZ6-0/2 My Commission Expires: 1/14/19/19/19 My Commission No.: 44/79/19



Docket No. 12FD1899

Assignment Page 3

Executed at WI MONUIL County of clackases and State of Oregon, this 30 day of July, 2013.

State of Qregon) County of Cackanar)

On this 20° day of July, 2013 before me personally appeared lan J. Bull, to me known to be the person whose names are subscribed to the foregoing instrument, and acknowledged to me that he/she executed the same.

(Seal)

Notary Public - Olegon
My Commission Expires: 9/3/20/7
My Commission No.: 447790

Inventor

PATENT REEL: 030907 FRAME: 0179

RECORDED: 07/30/2013