

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Weston J. Lahr</td> <td>07/30/2013</td> </tr> <tr> <td>Carlo L. Tiana</td> <td>07/30/2013</td> </tr> <tr> <td>Ian J. Bull</td> <td>07/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Weston J. Lahr	07/30/2013	Carlo L. Tiana	07/30/2013	Ian J. Bull	07/30/2013
Name	Execution Date								
Weston J. Lahr	07/30/2013								
Carlo L. Tiana	07/30/2013								
Ian 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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13954438</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13954438				
Property Type	Number								
Application Number:	13954438								
CORRESPONDENCE DATA									
Fax Number:	3192958777								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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/								

PATENT

Date:

07/30/2013


Total Attachments: 3

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Executed at Wilsonville, County of Clackamas and State of Oregon, this 30th day of July, 2013.




Carlo L. Tiana Inventor

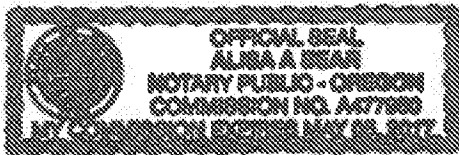
State of Oregon
County of Clackamas

On this 30th day of July, 2013 before me personally appeared Carlo L. Tiana, 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 - Oregon
My Commission Expires: MAY 5, 2017
My Commission No.: A 427980



Executed at Wilsonville, County of clackamas and State of Oregon, this 30th day of July, 2013.

Ian J. Bull
Inventor

State of Oregon
County of Clackamas

On this 30th day of July, 2013 before me personally appeared Ian 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)

Alisa Beer
Notary Public - Oregon
My Commission Expires: 5/31/2017
My Commission No.: A47790

