

PATENT ASSIGNMENT

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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>Gregory T. Stayton</td><td>12/13/2011</td></tr><tr><td>James R. Troxel</td><td>12/13/2011</td></tr></tbody></table>		Name	Execution Date	Gregory T. Stayton	12/13/2011	James R. Troxel	12/13/2011				
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James R. Troxel	12/13/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Aviation Communication &amp; Surveillance Systems LLC</td></tr><tr><td>Street Address:</td><td>19810 N. 7th Avenue</td></tr><tr><td>City:</td><td>Phoenix</td></tr><tr><td>State/Country:</td><td>ARIZONA</td></tr><tr><td>Postal Code:</td><td>85027</td></tr></table>		Name:	Aviation Communication & Surveillance Systems LLC	Street Address:	19810 N. 7th Avenue	City:	Phoenix	State/Country:	ARIZONA	Postal Code:	85027
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PROPERTY NUMBERS Total: 1											
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Application Number:	13248979										
CORRESPONDENCE DATA											
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Total Attachments: 1 source=Assignment#page1.tif											

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PATENT  
REEL: 027379 FRAME: 0807

## ASSIGNMENT

WHEREAS WE, the below-named inventors (hereinafter "Assignors"), have made an invention entitled: "SYSTEMS AND METHODS FOR PROVIDING GPS ALTERNATIVES ON 1090 MHz" for which we executed an application for United States Letters Patent filed on September 29, 2011 (Application No. 13/248,979); and

WHEREAS, Aviation Communication & Surveillance Systems LLC, a LIMITED LIABILITY COMPANY of Delaware whose address is 19810 N. 7th Avenue, Phoenix, AZ 85027-4400, (hereinafter "Assignee"), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention, as well as all applications related to this application now or hereafter filed anywhere in the world and all Letters Patents granted from any of the foregoing applications;

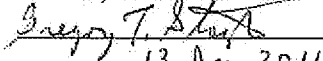
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, WE as Assignors, assign and transfer unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and application, and all divisions, continuations, and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon, and all reexamination certificates and reissues thereof, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may now or hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof in any country; and WE hereby authorize and request the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue Letters Patent on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that WE have the full right to convey the interest assigned by this Assignment, and WE have not executed and will not execute any agreement in conflict with this Assignment;

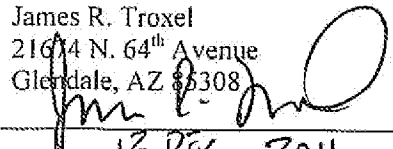
AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, continuation-in-part and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set our hand.

Name: Gregory T. Stayton  
Address: 7883 W. Sands Drive  
Peoria, AZ 85383

Signature:   
Date: 13 Dec 2011

Name: James R. Troxel  
Address: 21614 N. 64<sup>th</sup> Avenue  
Glendale, AZ 85308

Signature:   
Date: 13 Dec 2011