### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
JOHN M HOLFORD	10/30/2013
JAMES M WILLIAMS	10/30/2013
MICHAEL E GLIDEWELL	10/31/2013

## **RECEIVING PARTY DATA**

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## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14053970

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	309973.00015
NAME OF SUBMITTER:	SUSAN C. DINICOLA
Signature:	/Susan C. DiNicola/
Date:	12/12/2013 <b>PATENT</b>

502600186 REEL: 031814 FRAME: 0414

OP \$40.00 14053970

## Total Attachments: 4

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> PATENT REEL: 031814 FRAME: 0415

Attorney Docket No.: 309973,00015

# **ASSIGNMENT OF PATENT RIGHTS**

For valuable consideration, we John M. Holford of Oakton, VA, James M. Williams of Oak Hill, VA, and Michael E. Glidewell of Las Cruces, NM, hereby assign to Zeta Associates, Inc., a corporation having a place of business at: 10302 Eaton Place, Fairfax, VA 22030, the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for a United States Patent signed by us this day, entitled CORRECTING FREQUENCY ERRORS IN FREQUENCY DIFFERENCE OF ARRIVAL GEOLOCATION SYSTEMS, filed on October 15, 2013, at the United States Patent and Trademark Office, under U.S. Patent Application No. 14/053,970. We authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

> PATENT REEL: 031814 FRAME: 0416

Attorney Docket No.: 309973.00015

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Inventor's Signature:	January Williams
· · · · · · · · · · · · · · · · · · ·	James M. Williams
Date:	80 Oct 2013
Witnessed By:	DiB. Mehonen
	Signature
	Brian B. Mahoney
	Type/Print Name
Date:	30 Oct 2013

Attorney Docket No.: 309973.00015

Inventor's Signature:	Golden Market Standard
<del></del>	John M. Holford
Date:	30 007 2013
Witnessed By:	
*	Signature
	578/er D. 5972460C
	Type/Print Name
Date:	10/30/2013