PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
1		Name	Execution Date	
Richard J. Rikoski			03/21/2013	
RECEIVING PARTY [ΑΤΑ			
Name:	Hadal, Inc.			
Street Address:	1500 Ferry Pt			
Internal Address:	Bldg 167, Ste 200			
City:	Alameda			
State/Country:				
Postal Code:	94501			
	RS Total: 1			
Property Type		Number		0
Application Number: 13848				10
Application Number:	1384	18570		38485
CORRESPONDENCE		18570		
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CORRESPONDENCE	E DATA 6172359492	18570 when the fax attempt is unsuccessful.		\$40.00 138485
CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Email:	E DATA 6172359492 <i>be sent via US Mail</i> vsarosky@ro	<i>when the fax attempt is unsuccessful.</i> pesgray.com		\$40.00
CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Email: Correspondent Name	DATA 6172359492 be sent via US Mail vsarosky@ro : Ropes & Gra	<i>when the fax attempt is unsuccessful.</i> pesgray.com y LLP		\$40.00
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CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Email: Correspondent Name	E DATA 6172359492 be sent via US Mail vsarosky@ro : Ropes & Gra Prudential To 800 Boylston	<i>when the fax attempt is unsuccessful.</i> pesgray.com y LLP wer		\$40.00
CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Email: Correspondent Name Address Line 1: Address Line 2:	E DATA 6172359492 be sent via US Mail vsarosky@ro : Ropes & Gra Prudential To 800 Boylston Boston, MAS	<i>when the fax attempt is unsuccessful.</i> pesgray.com y LLP wer Street		\$40.00
CORRESPONDENCE Fax Number: <i>Correspondence will I</i> Email: Correspondent Name Address Line 1: Address Line 2: Address Line 4:	E DATA 6172359492 be sent via US Mail vsarosky@ro : Ropes & Gra Prudential To 800 Boylston Boston, MAS	<i>when the fax attempt is unsuccessful.</i> pesgray.com y LLP wer Street SACHUSETTS 02199-3600		\$40.00

ASSIGNMENT

WHEREAS, I, Richard J. Rikoski, have invented a certain improvement in SYSTEMS AND METHODS FOR BI-STATIC OR MULTI-STATIC HOLOGRAPHIC NAVIGATION described in an application for Letters Patent of the United States, the specification of which:

- [X] is being executed on even date herewith; and is about to be filed in the United States Patent Office;
- [] was filed on [FILING DATE] as Application No. [APPLICATION NUMBER]

was patented under U.S. Patent No_____ on _____

WHEREAS, Hadal, Inc., (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, having principal offices at 1500 Ferry Pt., Bldg 167, Ste 200, Alameda, California 94501 desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my entire right, title and interest in and throughout the United States of America. its territories and all foreign countries, in and to said invention as described in said application, together with my entire right, title and interest in and to said application and such Letters Patent as may issue thereon, and any reissue, continuation, divisional and foreign counterparts thereof and including the right to claim priority under any applicable statute, treaty or convention based on said application; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, all choses in action pertaining to the applications or Letters Patent including the right to sue for and collect damages and other recoveries for past infringement thereof, all rights to initiate proceedings before government and administrative bodies, and all files, records and other materials arising from the prosecution, exploitation, or defense of rights and registrations pertaining to the applications or Letters Patent. I hereby acknowledge that this assignment, being of my entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

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Page 1

PATENT REEL: 030066 FRAME: 0568

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, Ido hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

As the inventor, I declare as follows:

The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in the declaration set forth in this paragraph is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Inventor > Richard J. Rikoski

Date: 3/21/13

Address

2018 Central Avenue, Apt. C Alameda, CA 94501

Witness	within	Date: 3/21/13
Address		#403
شي. شير	Alameda CA 9450	η
Witness		Date: 321 13
Address	- 1/69 Castro San Francisco C	19 94114

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Page 2

PATENT REEL: 030066 FRAME: 0569

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