

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4263319

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	DELTASPHERE, INC.	12/16/2016
RECEIVING PARTY DATA		
Name:	AUTO HORIZON, LLC	
Street Address:	1209 ORANGE STREET	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19801	
PROPERTY NUMBERS Total: 7		
Property Type	Number	
Patent Number:	7551771	
Patent Number:	7403268	
Patent Number:	7477359	
Patent Number:	7974461	
Patent Number:	8879825	
Patent Number:	7477360	
Patent Number:	7777761	
CORRESPONDENCE DATA		
Fax Number:	(650)938-5200	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	9175803275	
Email:	cmedina@fenwick.com	
Correspondent Name:	DANIEL R. BROWNSTONE	
Address Line 1:	FENWICK & WEST LLP	
Address Line 2:	801 CALIFORNIA STREET	
Address Line 4:	MOUNTAIN VIEW, CALIFORNIA 94041	
ATTORNEY DOCKET NUMBER:	33567-01000	
NAME OF SUBMITTER:	DANIEL R. BROWNSTONE REG. 46,581	
SIGNATURE:	/Daniel R. Brownstone 46581/	
DATE SIGNED:	02/07/2017	

PATENT

Total Attachments: 3

source=assign-deltasphere-auto_horizon#page1.tif

source=assign-deltasphere-auto_horizon#page2.tif

source=assign-deltasphere-auto_horizon#page3.tif

EXHIBIT A - PRO FORMA ASSIGNMENT

This patent assignment ("Assignment") is entered into as of December 16, 2016 (the "Effective Date"), by and between Auto Horizon, LLC having an address 1209 Orange Street, Wilmington, DE 19801 ("Assignee"), and DeltaSphere, Inc., having an address at 811 Kenmore Rd., Chapel Hill NC 27514 ("Seller").

For good and valuable consideration, the receipt of which is hereby acknowledged, Seller hereby:

(A) irrevocably assigns to Assignee:

- (1) the entire right, title, and interest, everywhere in the world, to the Assigned Patents; and
- (2) the sole and exclusive right to file, make priority claims based on, prosecute, maintain, defend, conduct other proceedings before any patent office or other governmental entity, license, enforce, or otherwise seek and recover damages, profits, royalties, and any other remedy (e.g., monetary, injunctive, declaratory, etc.) in the United States and anywhere throughout the world for past, present, and future infringement, and otherwise take any action that Assignee deems appropriate with respect to the Assigned Patents.

(B) agrees upon request (and at the expense) of Assignee (or its successors, assigns, or legal representatives) to, and if Seller is unable or unwilling to do so authorizes Assignee to act in Seller's name to execute all oaths, assignments, powers, and any other papers, and otherwise take any action, to perform Seller's obligations or otherwise perfect Assignee's rights hereunder. Seller hereby irrevocably appoints Assignee and its duly authorized agents as Seller's attorney-in-fact, to act for and in Seller's behalf with respect to the foregoing.

As used herein the following definitions apply:

"Assigned Patents" means: (a) the Patent(s) set forth on Attachment 1 (entitled *Assigned Patents*); and (b) any other Patent that claims (or is entitled to claim) priority to, or which provides (or entitled to provide) the basis for a priority claim by, any of the Patents in (a), including without limitation, reissues, reexams, continuations, divisionals, and continuations-in-part of any of the foregoing.

"Patents" means: (a) patents and patent applications, which may include, without limitation, letters patents, utility models, certificates of invention, re-issues, re-examinations, revivals, extensions, continuations, continuations-in-part, and divisionals; and (b) rights to file patents based on invention disclosures which have not yet been the subject of a patent application.

SELLER

DELTASPHERE INC

By:

Name:

J.N. ENGLAND

Title:

PRESIDENT

Date:

NOTARY ACKNOWLEDGMENT (SELLER ONLY)

STATE OF North Carolina)

) ss.

COUNTY OF Durham)

On 12-17, 2016, before me, the undersigned notary public in and for said County and State, personally appeared James Nicholas England III,

 personally known to me [or]

X proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies) and that, by his signature(s) on the instrument, the person(s) or the entity(ies) upon behalf of which the person(s) acted executed the instrument.

WITNESS my hand and official seal.

John Edward McConahay

03-07-2020
My commission expires on

John Edward McConahay
NOTARY PUBLIC
Durham County, North Carolina
My Commission Expires 3/7/2020

ATTACHMENT 1 - ASSIGNED PATENTS

The Assigned Patents include the following Patents:

Title	Country	Application Number	Publication Number	Publication Date	Outside Patent Counsel (attorney name, firm name, email, phone)	Upcoming Maintenance Fee and Annulities (event, date due, fees due)	Inventors	Application Date
Method and apparatus for displaying a 2D image data set combined with a 3D rangefinder data set	US	US2006351248A	US7477368B2	2009-01-13	Jenkins Wilson Taylor & Hunt 3015 Carrington Mill Blvd Suite 550 Morrisville NC 27560	01/13/2020 - 11.5 year	England, James N. Hesler, Aron T. J. Elgin, Benjamin C. Holloway, Richard L.	2006-02-09
Methods, systems, and computer program products for acquiring three-dimensional range information	US	US2006523292A	US7551771B2	2009-06-23	Same as Above	06/23/2020 - 11.5 year	England, III, James N.	2006-09-19
Method and apparatus for displaying a calculated geometric entity within one or more 3D rangefinder data sets	US	US2006351245A	US7974461B2	2011-07-05	Same as Above	07/05/2018 - 7.5 year	England, James N. Hesler, Aron T. J. Elgin, Benjamin C. Holloway, Richard L.	2006-02-09
Method and apparatus for making and displaying measurements based upon multiple 3D rangefinder data sets	US	US2006351246A	US7477359B2	2008-09-01-13	Same as Above	01/13/2020 - 11.5 year	England, James N. Hesler, Aron T. J. Elgin, Benjamin C. Holloway, Richard L.	2006-02-09
Method and apparatus for determining the geometric correspondence between multiple 3D rangefinder data sets	US	US2006351235A	US7403268B2	2008-07-22	Same as Above	07/22/2019 - 11.5 year	England, James N. Hesler, Aron T. J. Elgin, Benjamin C. Holloway, Richard L.	2006-02-09

Title	Country	Application Number	Publication Number	Publication Date	Outside Patent Counsel (attorney name, firm name, email, phone)	Upcoming Maintenance Fee and Annulities (event, date due, fees due)	Inventors	Application Date
Method and apparatus for specifying and displaying measurements within a 3D rangefinder data set	US	US2006351234A	US7777761B2	2010-08-17	Same as Above	08/17/2017 - 7.5 year	England, James N.; Heiser, Aron T.; Elgin, Benjamin C.; Holloway, Richard L.	2006-02-09
METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR ACQUIRING THREE-DIMENSIONAL RANGE INFORMATION	WO	WO2006US36459A	WO2007015720A2	2007-03-29	N/A	N/A	ENGLAND, James, N.	2006-09-19
Method and apparatus for displaying a calculated geometric entity within one or more 3D rangefinder data sets	US	US13175622A	US8879823B2	2014-11-04	Same as Above	11/04/2017 - 3.5 year	England, James N.; Heiser, Aron T.; Elgin, Benjamin C.; Holloway, Richard L.	2011-07-01