

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3956214

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BERNARD P MASTERSON	02/03/2015
MICHAEL JOHN ESTES	02/09/2015
ANDREW D SAPPEY	02/03/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ZOLO TECHNOLOGIES, INC.
<b>Street Address:</b>	331 S. 104TH STREET, SUITE 100
<b>City:</b>	LOUISVILLE
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80027
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15104795
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(303)268-0065
<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>	
<b>Phone:</b>	303-268-0066
<b>Email:</b>	esalacinski@sbiplaw.com
<b>Correspondent Name:</b>	SWANSON & BRATSCHEUN, L.L.C.
<b>Address Line 1:</b>	8210 SOUTHPARK TERRACE
<b>Address Line 4:</b>	LITTLETON, COLORADO 80120
<b>ATTORNEY DOCKET NUMBER:</b>	0065.56PCT-US
<b>NAME OF SUBMITTER:</b>	THOMAS D BRATSCHEUN
<b>SIGNATURE:</b>	/TD Bratschun/
<b>DATE SIGNED:</b>	07/11/2016
<b>Total Attachments: 2</b>	
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source=Assignment_Executed#page2.tif	

**ASSIGNMENT**

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled **Method and Apparatus for Monitoring Port Blockage for TDLAS Measurements in Harsh Environments** for which an application for United States Letters Patent was filed on June 15, 2016 as Application Serial No. 15/104,795, which is the U.S. national stage application corresponding to PCT Patent Application No. **PCT/US14/71839**, filed **December 22, 2014** and

WHEREAS, **Zolo Technologies, Inc.**, a Delaware corporation, ("Assignee") having a place of business at **331 S. 104th Street, Louisville, Colorado 80027**, desires to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding international and foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

Assignor hereby authorizes and requests Swanson and Bratschun, L.L.C. to insert herein above the application serial number and filing date of said application when known.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date: 3 Feb 2015

  
 Bernard P. Masterson  
 577 Augusta Lane  
 Louisville, CO 80027

Address:

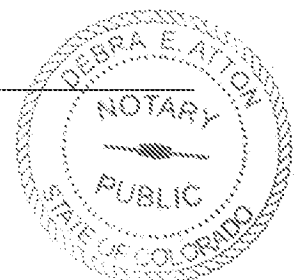
STATE OF COLORADO )  
 ) ss.  
 COUNTY OF BOULDER )

The foregoing instrument was acknowledged before me this 3RD day of FEBRUARY, 2015, by Bernard P. Masterson.

Witness my hand and official seal.

My commission expires: 05/07/2016

  
 Notary Public



Date: 9 Feb 15

Michael John Estes  
Michael John Estes  
1036 Purdue Drive  
Longmont, CO 80503

Address:

STATE OF COLORADO)

) ss.

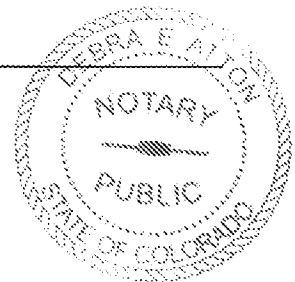
COUNTY OF BOULDER)

The foregoing instrument was acknowledged before me this 9<sup>TH</sup> day of FEBRUARY, 2015, by Michael John Estes.

Witness my hand and official seal.

My commission expires: 05/04/2016

Debra E. Alton  
Notary Public



Date: 2/3/15

Andrew D. Sappey  
Andrew D. Sappey  
1845 Tabor Street  
Lakewood, CO 80215

Address:

STATE OF COLORADO)

) ss.

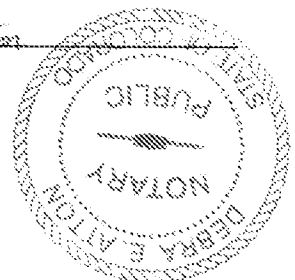
COUNTY OF BOULDER)

The foregoing instrument was acknowledged before me this 3<sup>RD</sup> day of FEBRUARY, 2015, by Andrew D. Sappey.

Witness my hand and official seal.

My commission expires: 05/01/2016

Debra E. Alton  
Notary Public



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