

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3316620

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOE H MANSFIELD	04/16/2015
KEN CAMPBELL	04/16/2015
CLARK A ROBERTS	04/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	QUANTITATIVE ENGINEERING SOLUTIONS, LLC
<b>Street Address:</b>	11903 W FOX CHASE CIRCLE
<b>City:</b>	FARRAGUT
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37934
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14690299
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(866)481-1019
<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>	865-470-4212
<b>Email:</b>	TKULAGA@KNOXPATENTS.COM
<b>Correspondent Name:</b>	KNOX PATENTS
<b>Address Line 1:</b>	P.O. BOX 30034
<b>Address Line 4:</b>	KNOXVILLE, TENNESSEE 37930-0034
<b>ATTORNEY DOCKET NUMBER:</b>	12021-UPA1
<b>NAME OF SUBMITTER:</b>	THOMAS A KULAGA
<b>SIGNATURE:</b>	/Thomas A Kulaga/
<b>DATE SIGNED:</b>	04/17/2015
<b>Total Attachments: 3</b>	
source=12021-UPA1_Assignments_as-recorded_41959#page1.tif	
source=12021-UPA1_Assignments_as-recorded_41959#page2.tif	
source=12021-UPA1_Assignments_as-recorded_41959#page3.tif	

Attorney Docket # 12021-UPA1

**ASSIGNMENT**

I, the below-identified Inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to

Quantitative Engineering Solutions, LLC, a limited liability company of Tennessee, domiciled in Knox County, TN

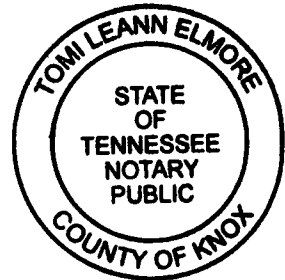
(the "Assignee"), its successors, assigns, and legal representatives the entire right, title, and interest throughout the world in and to all subject matter invented by me and disclosed in the application for a Letters Patent in the United States associated with the above attorney docket number and titled:

Cotton sampling system

and in and to all patent and all foreign, convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter or improvements therein, including all rights of action and damages for past infringements, the same to be held and enjoyed by Assignee for its own use and behoof, and for its legal representatives and assigns, to the full end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment not been made. I agree to sign all papers necessary to secure all said patent rights, and request issuance of all said patents to Assignee in accordance with this Assignment.

04.16.2015  
Date

*Joe H. Mansfield*  
Joe H. Mansfield  
1745 Somersby Lane  
Knoxville, TN 37922  
Knox County



IN THE COUNTY OF Knox )  
STATE OF Tennessee ) ss.:

I hereby certify that before me personally appeared Joe H. Mansfield , personally known by me or showing satisfactory evidence of identification, who then and there was duly sworn by me, and who acknowledged that he executed the above instrument for the purposes therein contained on the date appearing at the foot thereof, all of which took place within my jurisdiction.

Witness my hand and seal, this 16<sup>th</sup> day of April 2015.

*Tomi Leann Elmore*  
Notary Public

My Commission Expires: 12.23.18

Attorney Docket # 12021-UPA1

**ASSIGNMENT**

I, the below-identified Inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to

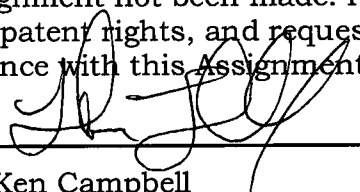
Quantitative Engineering Solutions, LLC, a limited liability company of Tennessee, domiciled in Knox County, TN

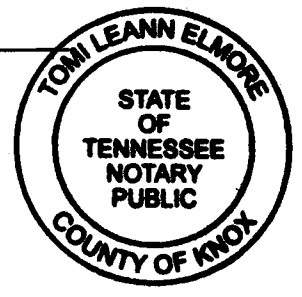
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Cotton sampling system

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4/16/15  
Date

  
Ken Campbell  
11903 W Fox Chase Circle  
Farragut, TN 37934  
Knox County



IN THE COUNTY OF Knox )  
STATE OF Tennessee ) ss.:

I hereby certify that before me personally appeared Ken Campbell , personally known by me or showing satisfactory evidence of identification, who then and there was duly sworn by me, and who acknowledged that he executed the above instrument for the purposes therein contained on the date appearing at the foot thereof, all of which took place within my jurisdiction.

Witness my hand and seal, this 16<sup>th</sup> day of April 2015.

  
Notary Public

My Commission Expires: 12/23/18

Attorney Docket # 12021-UPA1

**ASSIGNMENT**

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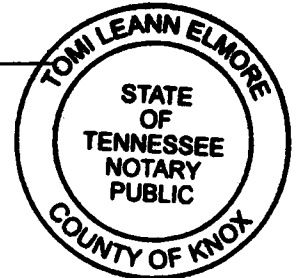
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Cotton sampling system

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4/16/15  
Date

Clark A. Roberts  
Clark A. Roberts  
106 Bonnie Vista Drive  
Maryville, TN 37804  
Blount County



IN THE COUNTY OF Knox )  
STATE OF Tennessee ) ss.:

I hereby certify that before me personally appeared Clark A. Roberts , personally known by me or showing satisfactory evidence of identification, who then and there was duly sworn by me, and who acknowledged that he executed the above instrument for the purposes therein contained on the date appearing at the foot thereof, all of which took place within my jurisdiction.

Witness my hand and seal, this 16<sup>th</sup> day of April 2015.

Tomi Leann Elmore  
Notary Public

My Commission Expires: 12-23-18