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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN BAIRD	12/03/2014
ERIC KOEHLER	12/04/2014
CESAR CONSTANTINO	12/04/2014
GARY NININGER	12/08/2014
ROBERT PHELABAUM	12/05/2014
OSCAR BUCKNOR	12/06/2014

RECEIVING PARTY DATA

Name:	TITAN AMERICA, LLC	
Street Address:	1151 AZALEA GARDEN ROAD	
City:	NORFOLK	
State/Country:	VIRGINIA	
Postal Code:	23502	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14964370

CORRESPONDENCE DATA

Fax Number: (703)748-0244

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.

Phone: 703-760-5200

Email: ip@williamsmullen.com WILLIAMS MULLEN **Correspondent Name:**

8300 GREENSBORO DRIVE Address Line 1:

Address Line 2: **SUITE 1100**

Address Line 4: TYSONS, VIRGINIA 22102

ATTORNEY DOCKET NUMBER:	047001.0100	
NAME OF SUBMITTER:	JOSHUA B. BRADY	
SIGNATURE:	/Joshua B. Brady/	
DATE SIGNED:	01/14/2016	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PAIENI REEL: 037494 FRAME: 0361

Total Attachments: 6 source=assignmenttitan#page1.tif source=assignmenttitan#page2.tif source=assignmenttitan#page3.tif source=assignmenttitan#page4.tif source=assignmenttitan#page5.tif source=assignmenttitan#page6.tif

PATENT REEL: 037494 FRAME: 0362

Title of APPARATUS, SYSTEMS, AND METHODS FOR METERING TOTAL WATER CONTENT IN Invention CONCRETE
As the below named inventor, I hereby declare that:
This declaration 🗵 The attached application, or is directed to: 🖸 United States application or PCT international application number
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.
WHEREAS, Titan America, LLC (hereinafter referred to as "ASSIGNEE") having a place of business at 1151 Azalea Garden Road, Norfolk, VA 23502 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the said invention, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignce of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns, 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 and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
I hereby grant the firm of WILLIAMS MULLEN, PC and its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark Office or other country or regional patent office for the purposes of recording this document.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
Legal Name of Inventor: Kevin Baird
Address: Date: 12/5/2014

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DECLARATION AND ASSIGNMENT FOR SINGLE ASSIGNEE Title of APPARATUS, SYSTEMS, AND METHODS FOR METERING TOTAL WATER CONTENT IN Invention CONCRETE As the below named inventor. I hereby declare that: This declaration 🖾 The artached application, or is directed to: United States application or PCT international application number filed on 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. WHEREAS, Than America, LLC (hereinafter referred to as "ASSIGNEE") having a place of business at 1151 Azalea Garden Road, Norfolk, VA 23502 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries; NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the said invention, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns, 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 and sale not been made. Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries. I hereby grant the firm of WILLIAMS MULLEN, PC and its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark Office or other country or regional patent office for the purposes of recording this document.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C.

1001 by fine or imprisonment of not more than five (5) years, or both.

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Legal Name of Inventor: Eric Koehler

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Title of APPARATUS, SYSTEMS, AND METHODS FOR METERING TOTAL WATER CONTENT IN Invention CONCRETE
As the below named inventor, I hereby declare that:
This declaration IN The attached application, or is directed to: In United States application or PCT international application number
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.
WHEREAS, Titan America, LLC (hereinafter referred to as "ASSIGNEE") having a place of business at 1151 Azalea Garden Road, Norfolk, VA 23502 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged. I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the said invention, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registrics in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Putent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in any and all foreign countries and in any and all divisions, reissues, continuations, substitutions and renewals thereof.
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEE, its successors and assigns, 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 and sale not been made.
Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
Legal Name of Inventor: Cesar Constantino
Address: 165 Post Cok Dr., Roxvoke VA 24019 Signature: Date: Dec 04, 2014
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Title of APPARATUS, SYSTEMS, AND METHODS FOR METERING TOTAL WATER CONTENT IN Invention CONCRETE	
As the below named inventor, I hereby declare that:	
This declaration	
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.	
WHEREAS, Titan America, LLC (heroinafter referred to as "ASSIGNEE") having a place of business at 1151 Azalea Garden Road, Norfolk, VA 23502 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
NOW, THERRFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged. I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the said invention, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.	
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Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any logal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
Legal Name of Inventor: Gary Nininger	
Legal Name of Inventor: Gary Nininger 2862 SW TUATUE POINT Address: Signature: Park 12/8/2014	

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PATENT

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THE OF APPARATUS SYSTEMS, AND METHODS FOR METERING TOTAL WATER CONTENT IN INCREMENTAL APPARATUS SYSTEMS, AND METHODS FOR METERING TOTAL WATER CONTENT IN		
As the below named inventor, I hereby declare that:		
This declaration - M. The attached application, or is directed to: CI. United States application or PCT international application number Eled on		
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.		
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NOW. THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the said invention, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish caumonary antices reserving ownership of said invention and all rights to register said invention in appropriate registres in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the torms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 100) by fine or imprisonment of not more than five (5) years, or both.		
Legal Name of Inventor: Bob Phelabaum 2013 450 200 200 200 200 200 200 200 200 200 2		
Address: 3772		
3669459; [

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RECORDED: 01/14/2016