

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4439159

|   |                                 |                       |  |
|---|---------------------------------|-----------------------|--|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                  |                       |  |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                      |                       |  |
| <b>CONVEYING PARTY DATA</b>   |                                 |                       |  |
|   | <b>Name</b>                     | <b>Execution Date</b> |  |
|   | FRANCIS L. DE LOS REYES III     | 12/14/2016            |  |
|   | TATE W. ROGERS                  | 12/14/2016            |  |
| <b>RECEIVING PARTY DATA</b>   |                                 |                       |  |
| <b>Name:</b>  | NORTH CAROLINA STATE UNIVERSITY |                       |  |
| <b>Street Address:</b>  | 1021 MAIN CAMPUS DRIVE          |                       |  |
| <b>Internal Address:</b>  | 2ND FLOOR                       |                       |  |
| <b>City:</b>  | RALEIGH                         |                       |  |
| <b>State/Country:</b>   | NORTH CAROLINA                  |                       |  |
| <b>Postal Code:</b>   | 27606                           |                       |  |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                 |                       |  |
|   | <b>Property Type</b>            | <b>Number</b>         |  |
|   | Application Number:             | 15366547              |  |
| <b>CORRESPONDENCE DATA</b>  |                                 |                       |  |
| <b>Fax Number:</b>  |                                 |                       |  |
| <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>   | 404-645-7700                    |                       |  |
| <b>Email:</b>   | amsmith@mcciplaw.com            |                       |  |
| <b>Correspondent Name:</b>  | MEUNIER CARLIN & CURFMAN LLC    |                       |  |
| <b>Address Line 1:</b>  | 999 PEACHTREE STREET NE         |                       |  |
| <b>Address Line 2:</b>  | SUITE 13                        |                       |  |
| <b>Address Line 4:</b>  | ATLANTA, GEORGIA 30309          |                       |  |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 10620-034US1                    |                       |  |
| <b>NAME OF SUBMITTER:</b>   | ALYSSA SMITH                    |                       |  |
| <b>SIGNATURE:</b>   | /Alyssa Smith/                  |                       |  |
| <b>DATE SIGNED:</b>   | 06/01/2017                      |                       |  |
| <b>Total Attachments: 4</b>   |                                 |                       |  |
| source=10620-034US1_Assignment#page1.tif  |                                 |                       |  |
| source=10620-034US1_Assignment#page2.tif  |                                 |                       |  |
| source=10620-034US1_Assignment#page3.tif  |                                 |                       |  |





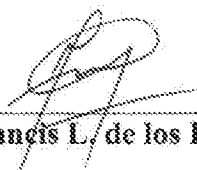


# ASSIGNMENT

For valuable consideration, we, **Francis L. de los Reyes III** of Raleigh, North Carolina; **Tate W. Rogers** of Raleigh, North Carolina; and **Walter J. Beckwith** of Raleigh, North Carolina, hereby assign to **North Carolina State University**, a corporation of Raleigh, North Carolina, having a place of business at 1021 Main Campus Drive, 2<sup>nd</sup> floor, Raleigh, North Carolina 27606, and its successors and assigns (collectively hereinafter "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of an application for United States Patent, titled "**SYSTEMS FOR EMPTYING PIT LATRINES AND SEPTIC TANKS**," filed December 1, 2016, and assigned U.S. Patent Application No. 15/366,547, this assignment including said application, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.



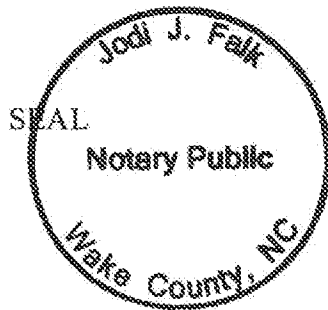
Date: 14 Dec 2016

  
Francis L. de los Reyes III

STATE OF North Carolina )  
COUNTY OF Wake ) SS.

On December 14, 2016, before me, the undersigned, a notary public for the State of North Carolina, there personally appeared **Francis L. de los Reyes III**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



  
Notary Public

My Commission Expires: July 29, 2019



Date: 12/14/2016

Tate W. Rogers

STATE OF North Carolina )  
COUNTY OF Wake ) SS.

On December 14, 2016, before me, the undersigned, a notary public for the State of North Carolina, there personally appeared **Tate W. Rogers**, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.



Jodi J. Falk  
Notary Public  
My Commission Expires July 29, 2019



Date: 12/14/2016

J. Beckwith  
Walter Beckwith

STATE OF North Carolina )  
 ) SS.  
COUNTY OF Durham )

On December 14, 2016, before me, the undersigned, a notary public for the State of North Carolina, there personally appeared Walter Beckwith, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his/her authorized capacity and that by his/her signature on this Assignment, the person or the entity upon behalf of which he/she acted, executed this Assignment.

WITNESS my hand and official seal.

SEAL

Ellen M. Rye  
Notary Public  
My Commission Expires: May 3, 2018

