

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2681123

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE BY SECURED PARTY
CONVEYING PARTY DATA	
Name	Execution Date
GENERAL ELECTRIC CAPITAL CORPORATION, AS ADMINISTRATIVE AGENT	01/10/2014
RECEIVING PARTY DATA	
Name:	GSE ENVIRONMENTAL, LLC (FKA GSE LINING TECHNOLOGY, INC.)
Street Address:	19103 GUNDLE ROAD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77073
Name:	GSE ENVIRONMENTAL, INC.
Street Address:	19103 GUNDLE ROAD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77073
Name:	SYNTAC LLC
Street Address:	19103 GUNDLE ROAD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77073
PROPERTY NUMBERS Total: 22	
Property Type	Number
Patent Number:	5211428
Patent Number:	5221570
Patent Number:	5288168
Patent Number:	5320454
Patent Number:	5401552

PATENT

Patent Number:	5497097
Patent Number:	5728424
Patent Number:	5850144
Patent Number:	6054178
Patent Number:	6197398
Patent Number:	6303204
Patent Number:	6802672
Patent Number:	7186066
Patent Number:	7470094
Patent Number:	7306414
Patent Number:	8192111
Patent Number:	6155446
Application Number:	11891108
Application Number:	12910961
Application Number:	13335964
Application Number:	13359662
Application Number:	13359683

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	207170-435
NAME OF SUBMITTER:	KRISTIN BROZOVIC
Signature:	/Kristin Brozovic/
Date:	01/14/2014

Total Attachments: 8  
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**PATENT RELEASE AND REASSIGNMENT**

THIS PATENT RELEASE AND REASSIGNMENT (this "Release") is made as of January 10, 2014, by GENERAL ELECTRIC CAPITAL CORPORATION, in its capacity as administrative agent (in such capacity, together with its successors and assigns, "Agent") for the Lenders and L/C Issuers and the other Secured Parties. Capitalized terms used but not defined herein shall have the same meanings assigned to such terms in the Patent Security Agreement (as defined below).

**WITNESSETH:**

WHEREAS, Agent, GSE Environmental, LLC, a Delaware limited liability company ("GSE LLC"), GSE Environmental, Inc., a Delaware corporation ("GSE"), and SynTec LLC, a Maryland limited liability company ("SynTec" and together with GSE LLC and GSE, the "Grantors") are parties to that certain Patent Security Agreement dated as of October 4, 2013 (as amended, restated, supplemented or otherwise modified from time to time, the "Patent Security Agreement"), pursuant to which each Grantor granted a Lien and security interest to Agent in, among other things, the Patent Collateral, including, without limitation, the Patents set forth on Schedule I annexed hereto; and

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on October 7, 2013 at Reel 31360, Frame 0086; and

WHEREAS, the Grantors have requested that Agent release its security interest in all of Agent's right, title and interest in, to and under the Patent Collateral, including the Patents set forth on Schedule I annexed hereto.

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged:


1. Agent hereby releases its security interest in all of the Grantors' right, title and interest in and to all of the Patent Collateral, including the Patents set forth on Schedule I annexed hereto.

2. Agent hereby reassigns, grants and conveys to the Grantors, without any representation, recourse or undertaking by Agent, all of Agent's right, title and interest, if any, in and to the Patent Collateral.

*[Signature Page Follows]*

IN WITNESS WHEREOF, Agent has caused this Release to be executed as of the day and year first above written.

GENERAL ELECTRIC CAPITAL  
CORPORATION, as Agent

By:   
Name: **Brad Kimme**  
Title: **Duly Authorized Signatory**

SCHEDULE I

Issued U.S. Patents:

<u>OWNER</u>	<u>PATENT NO.</u>	<u>ISSUE DATE</u>	<u>TITLE</u>
GSE Environmental, LLC	5211428	5/18/1993	Gas Pipe Slip Boot
GSE Environmental, LLC	5221570	6/22/1993	Multilayered Coextruded Geomembrane
GSE Environmental, LLC	5288168	2/22/1994	Method and Apparatus for Lining Outdoor Fluid Containment Areas to Facilitate Electrical Leak Detection
GSE Environmental, LLC	5320454	6/14/1994	Method and apparatus for installing a flexible panel into a trench
GSE Environmental, LLC	5401552	3/28/1995	Geocomposite Liner
GSE Environmental, LLC	5497097	3/5/1996	Apparatus for detecting a connection between adjacent panels of a curtain wall
GSE Environmental, LLC	5728424	3/17/1998	Method for forming a textured surface on a geomembrane
GSE Environmental, LLC	5850144	12/15/1998	Method for Detecting Leaks in a Membrane
GSE Environmental, LLC	6054178	4/25/2000	Fabric Mesh Reinforced Monolithic Thermoplastic Membrane
GSE Environmental, LLC	6197398	3/6/2001	Earthen liner with clay seam cover
GSE Environmental, LLC	6303204	10/16/2001	Earthen liner with clay seam cover
GSE Environmental, LLC	6802672	10/12/2004	Leachate distribution system
GSE Environmental, LLC	7186066	3/6/2007	Method of loading and unloading transported compressible rolls

<u>OWNER</u>	<u>PATENT NO.</u>	<u>ISSUE DATE</u>	<u>TITLE</u>
GSE Environmental, LLC	7470094	12/30/2008	Geonet for a Geocomposite
GSE Environmental, LLC	7306414	12/11/2007	Method of loading and unloading transported compressible rolls
GSE Environmental, LLC	8192111	6/5/2012	Boot for Geosynthetic Layer
GSE Lining Technology, Inc.	6155446	12/5/2000	Method for encapsulating waste material and systems therefor

Pending U.S. Patent Applications:

<u>OWNER</u>	<u>APPLN. SERIAL NO.</u>	<u>FILING DATE</u>	<u>TITLE</u>
GSE Environmental, LLC	11/891108	8/9/2007	Geonet for a Geocomposite
GSE Lining Technology, LLC	12/910961	10/25/2010	Containment boom
GSE Lining Technology, LLC and Halliburton Energy Services, Inc.	13/335964	1/27/2012	Bentonite barrier compositions and methods of use in containment applications
GSE Lining Technology, LLC and Halliburton Energy Services, Inc.	13/359662	1/27/2012	Bentonite barrier compositions and related geosynthetic clay liners for use in containment applications
GSE Lining Technology, LLC and Halliburton Energy Services, Inc.	13/359683	1/27/2012	Methods of using improved bentonite barrier compositions and related geosynthetic clay liners

U.S. Patent Licenses:

<u>LICENSOR</u>	<u>LICENSEE</u>	<u>PATENT</u> <u>NO./</u> <u>PENDING</u> <u>APPL.</u> <u>SERIAL</u> <u>NO.</u>	<u>ISSUE</u> <u>DATE/</u> <u>FILING</u> <u>DATE</u>	<u>TITLE</u>
Poly-Flex, L.P.	GSE Environmental, Inc.	5804112	9/8/1998	Method of co-extruding a blown-film textured liner
Tenax SpA	SynTec LLC	5,891,549	4/6/1999	Sheet like structure with surface protrusions for providing spacing, grip-enhancing, draining elements and the like
Tenax SpA	SynTec LLC	6,972,269 B1	12/6/2005	Double sided geocomposite tri-planer geonet structure
Advanced Geotech Systems LLC	SynTec LLC	6,505,996 B1		Drainage system with unitary void-maintaining geosynthetic structure
Advanced Geotech Systems LLC	SynTec LLC	6,802,669 B2	10/12./20 04	Void-maintaining synthetic drainable base courses and methods for extending the useful life of paved structures

Issued Foreign Patents:

<u>OWNER</u>	<u>PATENT NO.</u>	<u>GRANT</u> <u>DATE</u>	<u>TITLE</u>	<u>COUNTRY</u>
GSE Environmental, Inc.	431199	5/13/2009	System and method for forming a textured surface on a geomembrane	Austria



<u>OWNER</u>	<u>PATENT NO.</u>	<u>GRANT DATE</u>	<u>TITLE</u>	<u>COUNTRY</u>
GSE Environmental, Inc.	EP 901408	5/13/2009	System and method for forming a textured surface on a geomembrane	France
GSE Environmental, Inc.	69739401	5/13/2009	System and method for forming a textured surface on a geomembrane	Germany
GSE Environmental, Inc.	EP 901408	5/13/2009	System and method for forming a textured surface on a geomembrane	Great Britain
GSE Environmental, Inc.	EP 901408	5/13/2009	System and method for forming a textured surface on a geomembrane	Italy
GSE Lining Technology, Inc.	EP 1234078	12/21/2005	Earthen liner with clay seam cover	Great Britain
GSE Lining Technology, Inc.	60025034	12/21/2005	Earthen liner with clay seam cover	Germany
GSE Lining Technology, Inc.	2394628	11/22/2005	Earthen liner with clay seam cover	Canada
GSE Lining Technology, Inc.	2096204	2/25/1994	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	Canada
GSE Lining Technology, Inc.	2655232	9/17/1997	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	Japan
GSE Lining Technology, Inc.	EP 584469	1/3/1996	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	France

<u>OWNER</u>	<u>PATENT NO.</u>	<u>GRANT DATE</u>	<u>TITLE</u>	<u>COUNTRY</u>
GSE Lining Technology, Inc.	69301212	1/3/1996	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	Germany
GSE Lining Technology, Inc.	EP 584469	1/3/1996	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	Great Britain
GSE Lining Technology, Inc.	3019300	1/3/1996	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	Greece
GSE Lining Technology, Inc.	EP 584469	1/3/1996	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	Italy
GSE Lining Technology, Inc.	2083796	1/3/1996	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	Spain
GSE Lining Technology, Inc.	EP 584469	1/3/1996	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	Switzerland/Liechtenstein
GSE Lining Technology, Inc.	EP 584469	1/3/1996	Method and apparatus for lining outdoor fluid containment areas to facilitate electrical leak detection	Netherlands

Pending Foreign Patent Applications:

<u>OWNER</u>	<u>APPLN. SERIAL No.</u>	<u>FILING DATE</u>	<u>TITLE</u>	<u>COUNTRY</u>
GSE Lining Technology, Inc.	PCT/US2010/0 35576	5/20/2010	Boot for Geosynthetic Layer	WIPO
GSE Lining Technology Inc.	06255739.2	11/8/2006	Geonet for a geocomposite	European Patent
GSE Lining Technology Inc.	04001770.9	1/27/2004	Leachate distribution system	European Patent
GSE Lining Technology Inc.	PA/a/2004/000 851	1/28/2004	Leachate distribution system	Mexico
GSE Lining Technology Inc.	2004114	1/30/2004	Leachate distribution system	Peru