

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5009604

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
PNC BANK, NATIONAL ASSOCIATION, AS AGENT	06/14/2018
RECEIVING PARTY DATA	
Name:	CHRISTENSEN BOYLES CORPORATION
Street Address:	C/O LAYNE CHRISTENSEN COMPANY, 1800 HUGHES LANDING BOULEVARD
Internal Address:	SUITE 700
City:	THE WOODLANDS
State/Country:	TEXAS
Postal Code:	77380
Name:	LAYNE CHRISTENSEN COMPANY
Street Address:	1800 HUGHES LANDING BOULEVARD
Internal Address:	SUITE 700
City:	THE WOODLANDS
State/Country:	TEXAS
Postal Code:	77380
Name:	LAYNE INLINER, LLC
Street Address:	C/O LAYNE CHRISTENSEN COMPANY, 1800 HUGHES LANDING BOULEVARD
Internal Address:	SUITE 700
City:	THE WOODLANDS
State/Country:	TEXAS
Postal Code:	77380
PROPERTY NUMBERS Total: 18	
Property Type	Number
Patent Number:	5645377
Patent Number:	7769574
Patent Number:	5958110
Patent Number:	6119458
Patent Number:	6796139
Patent Number:	6142232

PATENT

Property Type	Number
Patent Number:	5988284
Patent Number:	7988437
Patent Number:	6533035
Patent Number:	7588744
Patent Number:	6942426
Application Number:	14164053
Application Number:	13025241
Application Number:	13082837
Patent Number:	5597005
Patent Number:	6468389
Patent Number:	7438501
Application Number:	62000585

CORRESPONDENCE DATA

Fax Number: (404)581-8330

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: 404-581-8275

Email: srbrown@jonesday.com

Correspondent Name: SIDNEY R. BROWN, JONES DAY

Address Line 1: 1420 PEACHTREE STREET, NE

Address Line 2: SUITE 800

Address Line 4: ATLANTA, GEORGIA 30309

NAME OF SUBMITTER:	SIDNEY R. BROWN
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SIGNATURE:	/Sidney R. Brown/
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DATE SIGNED:	06/15/2018
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Total Attachments: 3

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RELEASE OF SECURITY INTEREST IN PATENTS

This Release of Security Interest in Patents (this "Release") is effective as of June 14, 2018, by PNC BANK, NATIONAL ASSOCIATION, in its capacity as agent (in such capacity, "Secured Party").

WHEREAS, pursuant to that certain Patent Security Agreement, dated as of April 15, 2014, as amended by that certain First Amendment to Patent Security Agreement, dated as of February 17, 2015, as further amended by that certain Second Amendment to Patent Security Agreement, dated as of August 17, 2015, by LAYNE CHRISTENSEN COMPANY, a Delaware corporation, INLINER TECHNOLOGIES, LLC, an Indiana limited liability company, CHRISTENSEN BOYLES CORPORATION, a Delaware corporation and LAYNE INLINER, LLC, an Indiana limited liability company (collectively, the "Grantors" and each individually, a "Grantor") in favor of Secured Party (the "Security Agreement"), the Grantors granted to Secured Party a continuing security interest in and continuing lien upon all of the patents and related assets of each Grantor, including, without limitation, the patents and patent applications listed on Exhibit A hereto (collectively, the "Patents");

WHEREAS, the Security Agreement was recorded with the patent division of the United States Patent and Trademark Office on March 22, 2017 at Reel/Frame 041684/0731; and

NOW, THEREFORE, intending to be legally bound hereby and in connection with the Security Agreement, Secured Party hereby (i) releases the continuing security interest and continuing lien upon, and terminates its security interest in, and all other rights, title and interest in and to, the Patents, without any recourse, representation or warranty, (ii) terminates the Security Agreement, and (iii) re-assigns to the Grantors, any right, title or interest the Secured Party may have in, to or under the Patents and hereby authorizes the Grantors or the Grantors' authorized representative or designee to record this Release with the United States Patent and Trademark Office as evidence of such release and termination. Secured Party further agrees to execute any other documents and take any further action which is reasonably necessary in any state, country, or jurisdiction that the Grantors may reasonably require to effect the intent and purpose of this Release.

[Signature Page Follows]

IN WITNESS WHEREOF, Secured Party duly executes this Release, which is effective as of the day and year first written above.

PNC BANK, NATIONAL ASSOCIATION, as
Agent

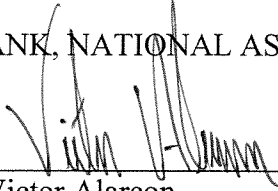
By: 
Name: Victor Alarcon
Title: Senior Vice President

EXHIBIT A

Patent	Patent No./Application No.	Title
Christensen Boyles Corporation	5,645,377	Apparatus for Insitu Remediation of Waste Through Multi-Point Injection
Layne Christensen Company	7,769,574	Bessel Analytic Element System and Method for Collector Well Placement
Layne Christensen Company	5,958,110	Evaporative Process of the Regeneration of Aqueous Glycol
Layne Christensen Company	6,119,458	Immiscible, Direct Contact, Floating Bed Enhanced, Liquid/Liquid Heat Transfer Process
Layne Christensen Company	6,796,139	Method and Apparatus for Artificial Ground Freezing
Layne Christensen Company	6,142,232	Method and Apparatus for Cleaning Wells
Layne Christensen Company	5,988,284	Method and Apparatus for Enhancing Well Performance
Layne Christensen Company	7,988,437	Method and Apparatus for Installing Flexible Linings in Underground Pipes
Layne Christensen Company	6,533,035	Method and Apparatus for Stimulating Well Production
Layne Christensen Company	7,588,744	Method of Recovering Phosphate for Reuse as a Fertilizer
Layne Inliner, LLC (f/k/a Reynolds Inliner, LLC)	6,942,426	Process and Apparatus for Repairing Pipes
Layne Christensen Company	14/164,053	Automated Rod Manipulator
Layne Christensen Company	13/025,241	In-Pipe Eversion Device and Method of Use
Layne Christensen Company	13/082,837	Sonic Drill Head
Layne Christensen Company	5,597,005	Automotive Hail Protection and Shade Canopy
Layne Christensen Company	6,468,389	Undulating Membrane Surface for Evaporative Processes
Layne Christensen Company	7,438,501	Ground Freezing Installation Accommodating Thermal Contraction of Metal Feed Pipes
Layne Christensen Company	62/000,585	Stimulation of Heap Leach Pads Via High Pressure Jetting

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