

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Brian Smith</td><td>03/24/2011</td></tr><tr><td>Krasimir Zahariev</td><td>03/30/2011</td></tr><tr><td>Kyle Jones</td><td>04/06/2011</td></tr></tbody></table>		Name	Execution Date	Brian Smith	03/24/2011	Krasimir Zahariev	03/30/2011	Kyle Jones	04/06/2011		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Layne Christensen Company</td></tr><tr><td>Street Address:</td><td>1900 Shawnee Mission Parkway</td></tr><tr><td>City:</td><td>Mission Woods</td></tr><tr><td>State/Country:</td><td>KANSAS</td></tr><tr><td>Postal Code:</td><td>66205</td></tr></table>		Name:	Layne Christensen Company	Street Address:	1900 Shawnee Mission Parkway	City:	Mission Woods	State/Country:	KANSAS	Postal Code:	66205
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (816)983-8080 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 816-983-8000											
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ATTORNEY DOCKET NUMBER:	55560.10022										
NAME OF SUBMITTER:	Kristine Kappel										
Total Attachments: 5 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=assignment#page4.tif source=assignment#page5.tif											

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PATENT
REEL: 026096 FRAME: 0839

ASSIGNMENT

WHEREAS, Brian Smith, having a residential address of 7041 River Vista Court, Baxter, Minnesota 56425 U.S.A., Krasimir Zahariev, having a residential address of 2353 West Harrison Street, Chicago, Illinois 60612 U.S.A, and Kyle Jones, having a residential address of 18882 Meadowlark Road, Thompsonville, Michigan 49683 U.S.A (the "Assignors"), are the inventors of a certain new and useful invention (the "Invention") relating to a:

SONIC DRILL HEAD

for which Assignors are about to make application for Letters Patent in the United States (the "Application"); and

WHEREAS, Assignors are the owner and in full possession of the entire right, title and interest in and to said Invention, in and to said Application and in and to any and all Letters Patent that may be granted therefor; and

WHEREAS, Layne Christensen Company, a corporation duly organized under the laws of the State of Delaware (the "Assignee"), having its principal office and place of business at 1900 Shawnee Mission Parkway, Mission Woods, Kansas 66205, U.S.A., is desirous of acquiring the entire right, title and interest in and to said Invention, said Application, and any and all Letters Patent that may be granted therefor; and

NOW, THEREFORE, to all whom it may concern, be it known that, for \$1.00 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors do hereby sell, assign and transfer unto said Assignee, the entire right, title and interest within the United States, its territories and possessions, and all foreign countries, in and to said Invention, said Application, and any and all Letters Patent that may be granted therefor in the United States, its territories and possessions, and all foreign countries, together with any and all continuations, continuations-in-part, divisions, reissues, renewals, reexaminations, substitutes or extensions thereof, and including all rights to claim priority, and Assignors do hereby authorize and request all appropriate domestic and foreign patent or government authorities in foreign countries to issue in accordance with this Assignment any and all Letters Patent that may be granted, either on said Application or otherwise for said Invention.

ASSIGNORS further covenant and agree that they will, at any time upon request, execute and deliver any and all documents that may be necessary or desirable to perfect Assignee's rights in and to the Invention and any and all United States and/or foreign Letters Patent that may be granted on said Application or otherwise for said Invention.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the day and year written below.

Brian Smith (Assignor)

Brian A. Smith 3/24/11
Inventor Date

STATE OF Minnesota)
COUNTY OF Crow Wing) ss.

On this 24th day of March, 2011, before me, the undersigned, a Notary Public within and for the County and State aforesaid, personally appeared Brian Smith to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

In Witness Whereof, I have hereunto attached my hand and notarial seal, at the County and State aforesaid on the day and year last above written.

Jamie L. Sullivan
Notary Public

My Commission Expires Jan. 31, 2015



Krasimir Zahariev (Assignor)

K. Zahariev 3/30/11
Inventor Date

STATE OF Illinois)
COUNTY OF Cook) ss.

On this 30 day of March, 2011, before me, the undersigned, a Notary Public within and for the County and State aforesaid, personally appeared Krasimir Zahariev to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

In Witness Whereof, I have hereunto attached my hand and notarial seal, at the County and State aforesaid on the day and year last above written.


2/26/2013

My Commission Expires:

Maria Rodriguez
Notary Public



Kyle Jones (Assignor)

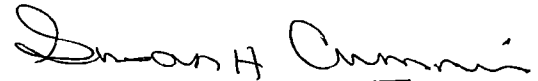

Inventor 4/6/2011
Date

STATE OF)
COUNTY OF) ss.

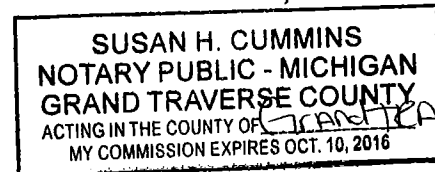
On this 6 day of April, 2011, before me, the undersigned, a Notary Public within and for the County and State aforesaid, personally appeared Kyle Jones to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same as his free act and deed.

In Witness Whereof, I have hereunto attached my hand and notarial seal, at the County and State aforesaid on the day and year last above written.

Notary Public



My Commission Expires: 10-10-16



LAYNE CHRISTENSEN COMPANY (Assignee)

By [Signature]
Signature Date 4/8/11

A.B. Schmitt
Printed Name and Title

STATE OF Kansas)
COUNTY OF Johnson) ss.

On this 8th day of April, 2011, before me, the undersigned, a Notary Public within and for the County and State aforesaid, personally appeared A. B. Schmitt to me known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same as their free act and deed.

In Witness Whereof, I have hereunto attached my hand and notarial seal, at the County and State aforesaid on the day and year last above written.

[Signature: Sandra Weldon]
Notary Public

My Commission Expires: September 6, 2012

