

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5182847

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID DENBOER	11/07/2016
CLINT HAMILTON	11/10/2016
MICHAEL DAVID FRANCE	01/04/2018
RYAN DAVIS	12/20/2017
LYNN BELNAP	12/20/2017
YI FANG	12/20/2017
RECEIVING PARTY DATA	
Name:	SMITH INTERNATIONAL, INC.
Street Address:	1310 RANKIN ROAD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77073
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15556645
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	kdumas-scarber@slb.com
Correspondent Name:	KRISTINE DUMAS-SCARBER
Address Line 1:	10001 RICHMOND AVENUE
Address Line 2:	ROOM 4720
Address Line 4:	HOUSTON, TEXAS 77042
ATTORNEY DOCKET NUMBER:	IS14.9315-US-PCT
NAME OF SUBMITTER:	KRISTINE DUMAS-SCARBER
SIGNATURE:	/KRISTINE DUMAS-SCARBER/
DATE SIGNED:	10/11/2018
Total Attachments: 12	

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Assignment

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors," each said Inventor being listed below:

David DenBoer, a citizen of the United States of America; and

Clint Hamilton, a citizen of the United States of America;

Has/have invented certain new and useful improvements in

ASSEMBLIES FOR MAKING SUPERHARD PRODUCTS BY HIGH PRESSURE/HIGH TEMPERATURE PROCESSING

as described and set forth in an application identified as International/European Procedure Application No. PCT/US2016/021520, (Docket No. IS14.9315-WO-PCT) filed March 9, 2016. This assignment is effective as of March 9, 2016.

AND WHEREAS, the "COMPANIES", listed in Schedule A, are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore as outlined in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANIES,

their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANIES, their successors and assigns.

AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANIES, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANIES, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said COMPANIES, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

This Agreement is entered in contemplation of and shall be construed in accordance with the laws of the State of Texas, and may not be amended or modified unless in a subsequent writing executed by the COMPANIES.

IN WITNESS WHEREOF I, David DenBoer, have hereunto set my hand and seal this 7th day of NOVEMBER, 2016.

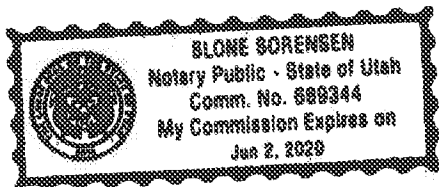
David DenBoer
David DenBoer

STATE OF UTAH

COUNTY OF UTAH

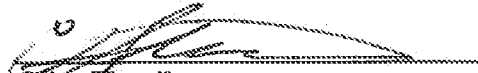
BEFORE ME this 7th day of NOVEMBER, 2016, personally appeared David DenBoer, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Seal



Blone Sorensen
Notary Public

IN WITNESS WHEREOF I, Clint Hamilton, have hereunto set my hand and seal this
10 day of November, 2016.


Clint Hamilton

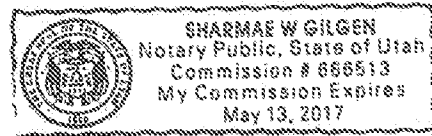
STATE OF UTAH

COUNTY OF UTAH

BEFORE ME this 10th day of November 2016, personally appeared Clint Hamilton, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Seal


Notary Public



Schedule A
“COMPANIES”

Smith International, Inc.

Corporation of: Delaware

Located at: 1310 Rankin Road, Houston, Texas 77073, U.S.A.

Assignee for applications in: All throughout the World

Assignment

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors," each said Inventor being listed below:

Michael David France, a citizen of the United States of America;

Ryan Davis, a citizen of the United States of America;

Lynn Belnap, a citizen of the United States of America; and

Yi Fang, a citizen of China;

Has/have invented certain new and useful improvements in

ASSEMBLIES FOR MAKING SUPERHARD PRODUCTS BY HIGH PRESSURE/HIGH TEMPERATURE PROCESSING

as described and set forth in an application identified as International Application No. PCT/US2016/021520, (Docket No. IS14.9315-WO-PCT) filed March 9, 2016. This assignment is effective as of March 9, 2016.

AND WHEREAS, the "COMPANIES", listed in Schedule A, are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore as outlined in Schedule A;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **COMPANIES**, their successors and assigns.

AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said **COMPANIES**, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said **COMPANIES**, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

This Agreement is entered in contemplation of and shall be construed in accordance with the laws of the State of Texas, and may not be amended or modified unless in a subsequent writing executed by the **COMPANIES**.

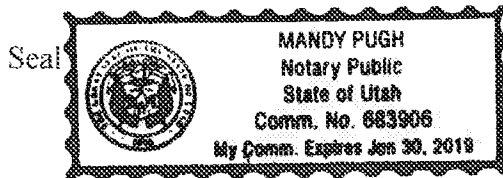
IN WITNESS WHEREOF I, **Michael David France**, have hereunto set my hand and seal this
4 day of Jan, 2018.


Michael David France

STATE OF UTAH

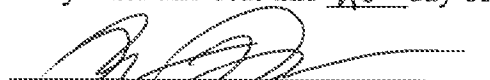
COUNTY OF UTAH

BEFORE ME this 4 day of January, 2018, personally appeared **Michael David France**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.




Notary Public

IN WITNESS WHEREOF I, **Ryan Davis**, have hereunto set my hand and seal this 20 day of December, 2017.



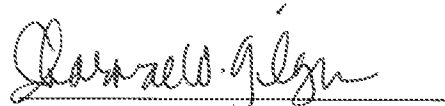
Ryan Davis

STATE OF UTAH

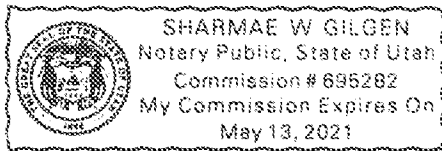
COUNTY OF UTAH

BEFORE ME this 20 day of December, 2017, personally appeared **Ryan Davis**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Seal



Notary Public



IN WITNESS WHEREOF I, **Lynn Belnap**, have hereunto set my hand and seal this 20 day of December, 2017.

Lynn Belnap
Lynn Belnap

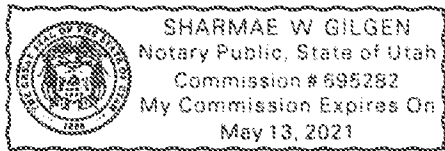
STATE OF UTAH

COUNTY OF UTAH

BEFORE ME this 20 day of December, 2017, personally appeared **Lynn Belnap**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Seal

Sharmae W. Gilgen
Notary Public



IN WITNESS WHEREOF I, **Yi Fang**, have hereunto set my hand and seal this 10 day of December, 2017.

Yi Fang
Yi Fang

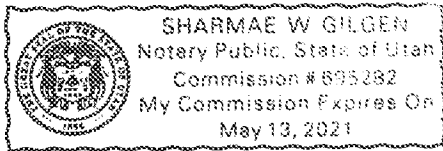
STATE OF UTAH

COUNTY OF UTAH

BEFORE ME this 10 day of December, 2017, personally appeared **Yi Fang**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he/she executed the same of his/her own free will for the purpose therein expressed.

Seal

Sharmae W. Gilgen
Notary Public



Schedule A
“COMPANIES”

Smith International, Inc.

Corporation of: Delaware

Located at: 1310 Rankin Road, Houston, Texas 77073, U.S.A.

Assignee for applications in: All throughout the World