

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5009611

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KURT COOPER	05/24/2018
RECEIVING PARTY DATA		
Name:	NCS MULTISTAGE INC.	
Street Address:	11929 - 40 STREET SE	
Internal Address:	UNIT 222	
City:	CALGARY	
State/Country:	CANADA	
Postal Code:	T2Z 4M8	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15982678
CORRESPONDENCE DATA		
Fax Number:	(416)362-0823	
<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>		
Phone:	416-868-1482	
Email:	lambrose@ridoutmaybee.com	
Correspondent Name:	RIDOUT & MAYBEE LLP	
Address Line 1:	250 UNIVERSITY AVENUE	
Address Line 2:	5TH FLOOR	
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ATTORNEY DOCKET NUMBER:	52605-3146	
NAME OF SUBMITTER:	MARK SAJEWYCZ	
SIGNATURE:	/Mark Sajewycz/	
DATE SIGNED:	06/15/2018	
Total Attachments: 3		
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ASSIGNMENT OF PATENT RIGHTS

WHEREAS, COOPER, Kurt, whose complete address is c/o NCS Multistage Inc., 11929-40 Street SouthEast, Unit 222, Calgary, Alberta T2Z 4M8, Canada, (hereinafter referred to as the "ASSIGNOR") has invented certain new and useful improvements in an invention entitled

APPARATUS, SYSTEMS AND METHODS FOR MITIGATING SOLIDS ACCUMULATION WITHIN THE WELLBORE DURING STIMULATION OF SUBTERRANEAN FORMATIONS

such invention (the "Invention") being described in United States Patent Application No. 15/982,678, filed on May 17, 2018; Canadian Patent Application No. 3,005,195, filed on May 17, 2018; and United States Provisional Patent Application No. 62/507,905, filed on May 18, 2017.

AND WHEREAS NCS Multistage Inc., having a place of business at 11929-40 Street SouthEast, Unit 222, Calgary, Alberta T2Z 4M8, Canada, (hereinafter referred to as the ("ASSIGNEE")) is desirous of acquiring any and all right, title and interest of the ASSIGNOR in and to the Invention and any and all right, title and interest of the ASSIGNOR in and to the Patent Applications, inclusive of any and all priority rights derived therefrom and in and to any and all Letters Patent to be granted for the Invention;

AND WHEREAS the ASSIGNOR desires to make the assignment to the ASSIGNEE on the terms and conditions contemplated herein;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the ASSIGNOR confirms and agrees as follows:

1. The ASSIGNOR hereby confirms that he has sold, assigned, transferred, conveyed and set over to the ASSIGNEE, and to the ASSIGNEE'S successors, assigns, nominees or other legal representatives, and, for greater certainty, does hereby irrevocably sells, assigns, transfers, conveys and sets over unto the ASSIGNEE and to the ASSIGNEE'S successors, assigns, nominees, or other legal representatives, all of the ASSIGNEE's respective right, title and interest in and for the United States, Canada and all other countries and jurisdictions in and to:
 - (a) the Patent Applications inclusive of any and all priority rights derived therefrom;
 - (b) the Invention, to the extent that the ASSIGNOR has any right, title and interest therein;
 - (c) any and all Letters Patent and issues thereof which may be granted upon the Patent Applications, including reissues, re-examinations, or extensions in said Letters Patent;
 - (d) any and all Letters Patent which may be issued upon any and all substitutes, divisions, or continuations of the Patent Applications, including reissues, re-examinations, or extensions in said Letters Patent; and

- (e) any and all Letters Patent and issues thereof which may be granted throughout the world for the Invention, including reissues, re-examinations, or extensions in said Letters Patent;


the same to be held and enjoyed by the ASSIGNEE for the ASSIGNEE's own use and behalf, and for the use and behalf of the ASSIGNEE's successors, assigns, nominees, or other legal representatives to the full end of the term or terms for which said Letters Patent and reissues thereof may be granted as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

2. The ASSIGNOR hereby upon behalf of the ASSIGNEE and the ASSIGNEE's heirs, executors and administrators, does hereby covenant and agree to do all such lawful acts and things and to execute and deliver without further consideration such further lawful assignments, instruments, assurances, applications and other documents as may reasonably be required by the ASSIGNEE, or by the ASSIGNEE's successors, assigns, nominees, or other legal representatives to obtain each and every one of said Letters Patent and vest or secure the same in the ASSIGNEE, and in the ASSIGNEE's successors, assigns, nominees or other legal representatives, including reissues, re-examinations, or extensions thereof.
3. The ASSIGNOR hereby authorizes and requests The Commissioner of Patents or any equivalent position thereto to issue each and every one of said Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest therein in accordance with this assignment, and to the ASSIGNEE'S successors, assigns, nominees, or other legal representatives.
4. This assignment shall ensure for the benefit of the ASSIGNEE and the ASSIGNEE's successors, assigns, nominees, or other legal representatives and shall be binding upon the ASSIGNOR and the ASSIGNOR's successors, assigns, nominees, or other legal representatives.
5. The ASSIGNOR hereby irrevocably appoints the ASSIGNEE as the ASSIGNOR'S attorney-in-fact, with full authority in the place and instead of the ASSIGNOR making the appointment and in the name of the ASSIGNOR, by the ASSIGNEE or otherwise, from time to time in the ASSIGNEE'S discretion, upon the ASSIGNOR'S failure or inability to do so, to take any action and to execute any instrument which the ASSIGNEE may deem necessary or advisable to accomplish the purposes of this assignment including, without limitation, to modify, in the ASSIGNEE's sole discretion, this assignment without first obtaining the ASSIGNOR'S approval of or signature to such modification and to make any filings as appropriate, to effect the full and complete assignment as contemplated hereunder.
6. If any covenant or provision, or portion thereof, of this assignment is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this assignment; and such a determination shall not, in any event, affect or impair the validity of the balance of the covenant or provision, nor shall it affect or impair the validity of any other covenant or provision herein contained.
7. The Assignment may be executed in counterparts, all of which shall be considered one and the same assignment. This Assignment shall be effective to transfer the

ASSIGNOR'S entire right, title, interest, property, and benefit to ASSIGNEE upon execution of this Assignment by the ASSIGNOR, regardless of whether any other Assignor executed this Assignment.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Date: May 24/2018


Kurt COOPER

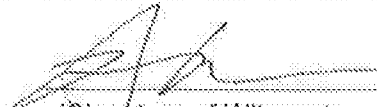
STATEMENT BY WITNESS

I, Brian Keable whose full Post Office Address is

24338 S Newcastle Bay Trl, Spring, TX 77369
(Address of Witness)

hereby declare that I was personally present and did see the above named person, personally known to me to be the person named in the assignment, duly sign and execute the same.

Date: 5/24/18


(Signature of Witness)