PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7093198

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARPENTER TECHNOLOGY CORPORATION	12/23/2021

RECEIVING PARTY DATA

Name:	NTS AMEGA WEST USA, INC.	
Street Address:	18601 INTERCONTINENTAL CROSSING DRIVE	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77073	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	62868561
Application Number:	16815330
PCT Number:	US2022289

CORRESPONDENCE DATA

Fax Number: (412)945-5933

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	9856-1906226
NAME OF SUBMITTER:	BOJAN POPOVIC
SIGNATURE:	/Bojan Popovic/
DATE SIGNED:	12/27/2021

Total Attachments: 2

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> PATENT REEL: 058480 FRAME: 0859

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ASSIGNMENT

WHEREAS, Carpenter Technology Corporation, a Delaware Corporation,

having a place of business at 1735 Market Street, 15th Floor, Philadelphia, PA 19103,

(hereinafter "Assignor"), is the owner of United States Patent Application No. 62/868,561

entitled, "Double-Shouldered Connection for Drill Collars with Large Inside Diameter," filed on

June 28, 2019; United States Patent Application No. 16/815,330 entitled, "Double-Shouldered

Connection for Drilling Tubulars with Large Inside Diameter," filed on March 11, 2020; and

PCT Application No. PCT/US20/22289 entitled, "Double-Shouldered Connection for Drilling

Tubulars with Large Inside Diameter," filed on March 12, 2020 (hereinafter "said

Applications"); and

WHEREAS, NTS Amega West USA, Inc., a Delaware corporation, having a

place of business at 18601 Intercontinental Crossing Drive, Houston, TX, 77073, (hereinafter

"Assignee"), is desirous of acquiring Assignor's rights, titles, and interests in and to said

Application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to Assignor by

said Assignee, the receipt of which is hereby acknowledged, Assignor, does hereby assign, sell,

and transfer unto said Assignee the full and exclusive rights, titles, and interests in and to said

Application, and the inventions and improvements therein disclosed for the United States and all

foreign countries and all issued patents, divisions, reissues, continuations, continuations-in-part,

renewals, and/or extensions thereof. Such assignment extends to the full ends of the terms of

these applications and patents as fully and entirely as the same would have been held and

enjoyed by said Assignor had this Assignment not been made.

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REEL: 058480 FRAME: 0860

Assignor covenants that Assignor is the lawful owner of said Applications,

inventions, and improvements, that the same are unencumbered, that no license has been granted

to make, use, or vend the said inventions or improvements or any of them, that Assignor has the

full right to make this Assignment, and that Assignor has not executed, and will not execute any

agreements inconsistent therewith.

AND, for the consideration aforesaid, Assignor or the representatives thereof will

communicate to said Assignee or the representatives thereof any facts known to Assignor

respecting said inventions and improvements, and will, upon request but without expense to

Assignor, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue,

continuation, continuation-in-part, renewal, and/or extension applications, make all rightful

oaths, and generally do all other and further lawful acts deemed necessary or expedient by said

Assignee or by counsel for said Assignee to assist or enable said Assignee to obtain and enforce

full benefits from the rights and interests herein assigned. This Assignment shall be binding upon

Assignor's administrators, successors, and/or assigns, as the case may be, and shall inure to the

benefit of the administrators, successors, and/or assigns, as the case may be, of said Assignee.

IN TESTIMONY WHEREOF, Assignor has caused this Assignment to be

executed effective the 23rd day of December, 2021.

Carpenter Technology Corporation

Recoverable Signature

RWMcCullough

Rob McCullouah Engineering manager

Signed by: 53585135-a031-434d-8657-5705039e43b4

Name: Rob McCullough, Engineering Manager

ASSIGNEE: NTS Amega West USA, Inc

RECORDED: 12/27/2021

By: