506371639 11/24/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6418395

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YILIANG XU	10/05/2016
GEHUA YANG	10/20/2016
MATTHEW JOSEPH LEOTTA	10/03/2016
CHARLES V. STEWART	10/04/2016

RECEIVING PARTY DATA

Name:	KITWARE INC.	
Street Address:	28 CORPORATE DRIVE	
City:	CLIFTON PARK	
State/Country:	NEW YORK	
Postal Code:	12065	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17004669

CORRESPONDENCE DATA

Fax Number: (949)760-9502

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.

8587074000 Phone:

Email: efiling@knobbe.com

KNOBBE MARTENS OLSON & BEAR LLP **Correspondent Name:**

Address Line 1: 2040 MAIN STREET

Address Line 2: 14TH FLOOR

Address Line 4: **IRVINE, CALIFORNIA 92614**

ATTORNEY DOCKET NUMBER:	OCKET NUMBER: AURIS.036C3	
NAME OF SUBMITTER: MITCHELL B. HADLEY		
SIGNATURE: /Mitchell Hadley/		
DATE SIGNED:	11/24/2020	

Total Attachments: 2

source=2019-12-26 Executed Assignment (INV to KITWARE) - AURIS.036C2#page1.tif source=2019-12-26 Executed Assignment (INV to KITWARE) - AURIS.036C2#page2.tif

PATENT REEL: 054463 FRAME: 0146 506371639

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Kitware Inc., a New Yerk corporation, having a place of business at 28 Corporate Drive, Clifton Park, NY 12065 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- I. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional or non-provisional application filed under 35 U.S.C. § 111, design application filed under 35 U.S.C. § 171, international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):
 - Application No. 15/268,238, entitled "NAVIGATION OF TUBULAR NETWORKS" filed on September 16, 2016.
 - 2. The entire worldwide right, title, and interest in and to:
- (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto that have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) that may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

1 af 2

32915/33807/DOCS/4113969.1

Title:	NAVIGATION OF TUBULAR	l NETWORKS	
Filed:	15/268,238	Attorney Docket #:	32915-33807/US
Application #:	September 16, 2016	Client Ref #:	
Name and Signature		Date of Signature	
Giliang Xu		Oct 5, 2016	
Yiliang Xu			
Name and Signature		Date of Signature	
Сенча Уанд		Oct 20, 2016	
Gehua Yang			
Name and Signature		Date of Signature	
Melle I Late		Oct 3, 2016	
Matthew Jose	ph Leotta	****	
Name and Signature		Date of Signature	
1 trong		Oct 4, 2016	

Charles V. Stewart