## 506145070 07/09/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ANWAR RAHIM AWAN	07/05/2020
OTTO E MEZA CAMARGO	07/05/2020
MUSTAFA AMARI	07/02/2020
MAREI AL-GARNI	07/02/2020

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16922769

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DATE SIGNED:	07/09/2020

#### **Total Attachments: 5**

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### DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

This declaration is directed to the application titled, **OPTIMIZATION OF DISCRETE**FRACTURE NETWORK (DFN) USING STREAMLINES AND MACHINE LEARNING,
(check one);

	X the application of which is a	attached hereto;		
	the U.S. Application No	filed on	; or	
	the PCT international applie	cation number [INSERT	NO.] filed on [INSE]	RT
DA	TE].			

Our residence and post office addresses are as stated below our names.

The above-identified application was made or authorized to be made by each of us.

We believe that we are the original inventors or original joint inventors of the claimed invention in the application.

We acknowledge the duty to review and understand the contents of the above identified application, including the claims.

We acknowledge the duty to disclose information that is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

We hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States application(s) listed below:

SERIAL NUMBER

DATE FILED

We hereby grant the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application.

We hereby claim foreign priority benefits under Title 35, United States Code, Sec. 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified

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below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

# PRIOR FOREIGN APPLICATION(S)

# SERIAL NUMBER DATE FILED COUNTRY PRIORITY CLAIMED

We hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) that occurred between the filing date of the prior application and the national or PCT international filing date of this application:

# PCT APPLICATION NO.

### PCT FILING DATE

We hereby acknowledge that any willful false statement made in this declaration is punishable under Title 18 of United States Code Section 1001 by fine or imprisonment of not more than five (5) years, or both.

Please direct all correspondence to the address associated with:

U.S. Patent and Trademark Office Customer Number 35979

In the event of questions, the attorney in charge can be reached at albert.kimball@bracewell.com or (713) 221-1377.

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**RECORDED: 07/09/2020**