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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PANAGIOTIS ADAMOPOULOS	04/18/2017
YOULI QUAN	04/18/2017
JUNWEI ZHANG	04/19/2017
JAKUB FELKL	04/19/2017
KAITLYN MASCHER-MACE	04/19/2017

RECEIVING PARTY DATA

Name:	SEISMOS, INC.
Street Address:	3925 W. BRAKER LANE
City:	AUSTIN
State/Country:	TEXAS
Postal Code:	78759

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15967871

CORRESPONDENCE DATA

Fax Number: (832)201-4829

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.

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Address Line 4: SAN ANTONIO, TEXAS 78259

ATTORNEY DOCKET NUMBER:	SEI-18-01	
NAME OF SUBMITTER:	RICHARD A. FAGIN	
SIGNATURE:	/Richard A. Fagin/	
DATE SIGNED:	05/01/2018	

Total Attachments: 4

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PATENT REEL: 045681 FRAME: 0436

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PATENT REEL: 045681 FRAME: 0437

Assignment - Worldwide

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

Seismos, Inc.

having the following address:

3925 W. Braker Lane Austin, Texas 78759

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

METHOD FOR EVALUATING AND MONITORING FORMATION FRACTURE TREATMENT USING FLUID PRESSURE WAVES

for which the undersigned has/have executed an application for patent in the United States of America, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

- To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-inpart, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
- 2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
- 3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY;

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

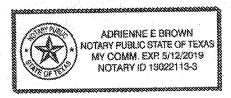
The undersigned INVENTOR(S) each hereby grants to the attorney named in a separate Power of Attorney the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

PATENT REEL: 045681 FRAME: 0438

ch individual's signature:	s Assignment has been executed by each of the undersigned individuals	s on the date appearing
	Signature:	
Date	Print or Type Name: Youli Quan	
	Signature:	
Date	Print or Type Name: Junwei Zhang	
	Signature:	
Date	Print or Type Name: Jakub Felkl	
	Signature:	
Date	Print or Type Name: Kaitlyn Mascher-Mace	***************************************
4/18/2014	Signature:	
Date	Print or Type Name: Panagiotis Adamopoulos	
State of TEXAS County of	Λ .	
	1° breeds	2" hwater
# E	3ª (neerio)	A Investor
each of whom acknowle authorized to execute this	edged the foregoing instrument to be a free act and deed and also as Assignment.	represented that he/sho
each of whom acknowle authorized to execute this Dated:	Assignment 8, 2017 Mulesta Taylor Mulesta Taylor 18, 2017	epresented that he/sha
each of whom acknowle authorized to execute this Dated:	Assignment.	7-21-2019
Dated: ANIL I	8. 2017 Melista English	
Dated:	ELISSA ENGLISH Notary Public My commission expires: ELISSA ENGLISH Notary Public TATE OF TEXAS mm. Exp. 37/21/2015 Text May Public Text of T	
Dated:	ELISSA ENGLISH Notary Public My commission expires: MAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	

such individual's signature: Signature: Print or Type Name: Youli Quan Signature: Print or Type Name: Junwei Zhang Date Signature: Print or Type Name: Jakub Felki Date Signature: Print or Type Name: Kaitlyn Mascher-Mace Date Signature: Print or Type Name: Panagiotis Adamopoulos Date This Assignment must be signed before a Notary Public for one of the States in the United States or corresponding foreign official authorized to administer oaths. State of TEXAS County of HARRIS Before me personally appeared: Yould Quari NOTARY PUBLIC each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment. My commission expires: 05/12/201When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution: U.S. Application Serial No.: Filing Date:

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by



PATENT REEL: 045681 FRAME: 0440 IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

Signature:

Date	Print or Type Name:	Youli Quan
4/19/2017	Signature:	Junwei Zhang
Date	Print or Type Name:	
Aren 19,2017	Signature:	44 74
Date	Print or Type Name:	Jakob Felki
April 19 2017 Date	Signature: Print or Type Name:	Kaijiyn Mascher-Mace
	Signature:	
Date		Panagiotis Adamopoulos
Before me personally app	(*)	
. ,	- Kaitha i	Maschul-Mace
Dated: 4/19/197	Assignment.	ent to be a free act and deed and also represented that he/she i
1 4 CONTROL STATE	TRO HERNANDEZ CY Public OF TEXAS Edgi 96/22/2020	
W 2 My Curim	ETRO HERNANDEZ \$ TY Public \$ OF TEXAS \$ EXP 08/22/2025 \$	concurrently with the patent application,
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STATE OF MY CONTENT	CRO HERMANDEZ (y Public DY TEXAS Exis 08/22/2028 MY 1038 ASSIGNMent is not filed	concurrently with the patent application,

PATENT REEL: 045681 FRAME: 0441

RECORDED: 05/01/2018