PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4775381

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL PERSIANTSEV	01/12/2018

RECEIVING PARTY DATA

Name:	VULCAN INC.
Street Address:	505 FIFTH AVE S., SUITE 900
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15870678

CORRESPONDENCE DATA

Fax Number: (206)757-7700

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.

Phone: (206)622-3150
Email: patentdocket@dwt.com, samanthataylor@dwt.com
Correspondent Name: DAVIS WRIGHT TREMAINE LLP
Address Line 1: 1201 THIRD AVENUE, SUITE 2200
Address Line 4: SEATTLE, WASHINGTON 98104

ATTORNEY DOCKET NUMBER:	0053623-004US0
NAME OF SUBMITTER:	GREG A. RABURN
SIGNATURE:	/Greg A. Raburn/
DATE SIGNED:	01/12/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4
source=2018-01-12_VUL-TEC-P-0006-US01__0053623-004US0__-_Executed_Formals__Privielged_and_Confidential_
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source=2018-01-12_VUL-TEC-P-0006-US01__0053623-004US0__-_Executed_Formals__Privielged_and_Confidential_

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 15/870,678 Attorney Docket No. 0053623-004US0

Filing Date January 12, 2018 Client Docket No. VUL-TEC-P-0006-US01

PARTIES TO THE ASSIGNMENT

Assignor(s):
Michael Persiantsev
505 Fifth Ave S., Suite 900
Seattle, WA 98104

Assignee:
Vulcan Inc.
505 Fifth Ave S., Suite 900
Seattle, WA 98104

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "REDUCTION OF TEMPORAL AND SPATIAL JITTER IN HIGH-PRECISION MOTION QUANTIFICATION SYSTEMS" (Invention) for which a non-provisional application for United States Letters Patent (Application):

☐ was filed on _____ and accorded U.S. Application No. _____; or

☒ will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of Davis Wright Tremaine LLP, associated with Customer No. 22504, to insert in the header above and here in parentheses (U.S. Patent Application No. 15/870,678, filed 01/12/2018) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Washington, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 15/870,678 Attorney Docket No. 0053623-004US0

Filing Date January 12, 2018 Client Docket No. VUL-TEC-P-0006-US01

Title of Invention: REDUCTION OF TEMPORAL AND SPATIAL JITTER IN HIGH-PRECISION MOTION QUANTIFICATION SYSTEMS

Inventors: **Michael Persiantsev**

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said Application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

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Title of Invention: REDUCTION OF TEMPORAL AND SPATIAL JITTER IN HIGH-PRECISION MOTION QUANTIFICATION SYSTEMS

Inventors: **Michael Persiantsev**

of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said letters patent before or after issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist in the preparation of any other patent property relating to the Application and the Invention or any improvements made thereto, sign/execute all lawful papers, provide all requested documents, execute and make all rightful oaths and/or declarations in connection with the Application and the Invention including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. 15/870,678 Attorney Docket No. 0053623-004US0

Filing Date January 12, 2018 Client Docket No. VUL-TEC-P-0006-US01

Title of Invention: REDUCTION OF TEMPORAL AND SPATIAL JITTER IN HIGH-PRECISION MOTION QUANTIFICATION SYSTEMS

Inventors: **Michael Persiantsev**

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- ☒ the attached application; or
- ☐ United States Patent Application number ___________ filed on ___________; or
- ☐ PCT International Application number ___________________ filed on ___________.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed Invention in the application.

I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 CFR 1.56.

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

DocuSigned by:

Michael Persiantsev

____

Michael Persiantsev

____

Date