506052184 05/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6098898

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
OMER ROSENBAUM	04/30/2020
RICHARD EARL SIMPKINSON	05/04/2020
RUSTY ALLEN GERARD	05/02/2020
SHAMYL EMRICH ZAKARIYA	04/30/2020

RECEIVING PARTY DATA

Name:	VULCAN INC.
Street Address:	505 FIFTH AVENUE SOUTH
Internal Address:	SUITE 900
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98104

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16855903

CORRESPONDENCE DATA

Fax Number: (206)757-7779

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, VulcanPatents@dwt.com,

meganmyers@dwt.com

Correspondent Name: DAVIS WRIGHT TREMAINE LLP
Address Line 1: 920 FIFTH AVENUE, SUITE 3300
Address Line 4: SEATTLE, WASHINGTON 98104-1610

ATTORNEY DOCKET NUMBER:	0053623-071US0
NAME OF SUBMITTER:	MEGAN MYERS
SIGNATURE:	/Megan Myers/
DATE SIGNED:	05/08/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT 2184 REEL: 052615 FRAME: 0661

506052184

Total Attachments: 7	
source=2020-05-08_VUL-TEC-P-0032-US010053623-071US0	Assignment_and_DeclarationSigned#page1.if
source=2020-05-08_VUL-TEC-P-0032-US010053623-071US0	Assignment_and_DeclarationSigned#page2.iff
source=2020-05-08_VUL-TEC-P-0032-US010053623-071US0	Assignment_and_DeclarationSigned#page3.iff
source=2020-05-08_VUL-TEC-P-0032-US010053623-071US0	Assignment_and_DeclarationSigned#page4.iff
source=2020-05-08_VUL-TEC-P-0032-US010053623-071US0	Assignment_and_DeclarationSigned#page5.
source=2020-05-08_VUL-TEC-P-0032-US010053623-071US0	Assignment_and_DeclarationSigned#page6.iff
source=2020-05-08_VUL-TEC-P-0032-US010053623-071US0	Assignment_and_DeclarationSigned#page7.iff

U.S. Patent Appln. No. <u>16/855,903</u>

Attorney Docket No. 0053623-071US0

Filing Date April 22, 2020

Client Docket No. VUL-TEC-P-0032-US01

PARTIES TO THE ASSIGNMENT

Assignor(s):

Omer Rosenbaum

505 Fifth Avenue South, Suite 900

Seattle, WA 98104

Richard Earl Simpkinson

505 Fifth Avenue South, Suite 900

Seattle, WA 98104

<u>Assignee:</u>

Vulcan Inc.

505 Fifth Avenue South, Suite 900

Seattle, WA 98104

AGREEMENT

Rusty Allen Gerard

505 Fifth Avenue South, Suite 900

Seattle, WA 98104

Shamyl Emrich Zakariya

505 Fifth Avenue South, Suite 900

Seattle, WA 98104

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "SENSOR DATA COLLECTION AND PROCESSING" (Invention) for which a non-provisional application for United States Letters Patent (Application):

 \boxtimes was filed on April 22, 2020, and accorded U.S. Application No. 16/855,903; 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

<u>Davis Wright Tremaine LLP</u>, associated with Customer No. <u>22504</u>, to insert in the header above and here in parentheses (U.S. Patent Application No. 16/855,903, filed April 22, 2020) this

application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Delaware, 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.

Page 1 of 7 PATENT

REEL: 052615 FRAME: 0663

U.S. Patent Appln. No. 16/855,903

Attorney Docket No. 0053623-071US0

Filing Date April 22, 2020

Client Docket No. VUL-TEC-P-0032-US01

Title of Invention: SENSOR DATA COLLECTION AND PROCESSING

Inventors: Omer Rosenbaum, Richard Earl Simpkinson, Rusty Allen Gerard, and

Shamyl Emrich Zakariya

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

Page 2 of 7

U.S. Patent Appln. No. 16/855,903

Attorney Docket No. 0053623-071US0

Filing Date April 22, 2020

Client Docket No. VUL-TEC-P-0032-US01

Title of Invention: SENSOR DATA COLLECTION AND PROCESSING

Inventors: Omer Rosenbaum, Richard Earl Simpkinson, Rusty Allen Gerard, and

Shamyl Emrich Zakariya

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.

Page 3 of 7

U.S. Patent Appln. No. <u>16/855,903</u>	Attorney Docket No. <u>0053623-071US0</u>
Filing Date April 22, 2020	Client Docket No. VUL-TEC-P-0032-US01
Title of Invention: <u>SENSOR DATA COLLECTION</u>	ON AND PROCESSING
Inventors: Omer Rosenbaum, Richard Ear Shamyl Emrich Zakariya	l Simpkinson, Rusty Allen Gerard, and
<u>DECLARATION</u>	
As a below named inventor, I hereby declar	are that:
This declaration is directed to:	
$\hfill\Box$ the attached application; or	
United States Patent Application	on number <u>16/855,903</u> , filed on <u>April 22, 2020</u> ; or
PCT International Application i	number filed on
The above-identified application was mad I believe that I am the original inventor or	e or authorized to be made by me. 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 U	IS Patent & Trademark Office all information known to
me to be material to the patentability as o	lefined in 37 CFR 1.56.
-	Ise statement made in this declaration is punishable nt of not more than five (5) years, or both.
Omer Rosenbaum	
Omer Rosenbaum	
4/30/2020 Date	
Date	

Page 4 of 7

U.S. Patent Appln. No. <u>16/855,903</u>	Attorney Docket No. <u>0053623-071US0</u>
Filing Date April 22, 2020	Client Docket No. <u>VUL-TEC-P-0032-US01</u>
Title of Invention: <u>SENSOR DATA COLLECTION</u>	ON AND PROCESSING
Inventors: Omer Rosenbaum, Richard Ear Shamyl Emrich Zakariya	l Simpkinson, Rusty Allen Gerard, and
<u>DECLARATION</u>	
As a below named inventor, I hereby declar	are that:
This declaration is directed to:	
\square the attached application; or	
United States Patent Application	on number <u>16/855,903</u> , filed on <u>April 22, 2020</u> ; or
PCT International Application r	number filed on
The above-identified application was mad	e or authorized to be made by me.
I believe that I am the original inventor or application.	an original joint inventor of a claimed Invention in the
I have reviewed and understand the	contents of the above-identified application, and
acknowledge the duty to disclose to the U	IS Patent & Trademark Office all information known to
me to be material to the patentability as o	lefined in 37 CFR 1.56.
I hereby acknowledge that any willful fa under 18 USC 1001 by fine or imprisonme	Ise statement made in this declaration is punishable nt of not more than five (5) years, or both.
DocuSigned by:	
Richard Earl Simplinson	
Richard Earl Simpkinson	
5/4/2020	
Date	

Page 5 of 7

U.S. Patent Appln. No. <u>16/855,903</u>	Attorney Docket No. <u>0053623-071US0</u>
Filing Date April 22, 2020	Client Docket No. <u>VUL-TEC-P-0032-US01</u>
Title of Invention: SENSOR DATA COLLECTION AND PRO	CESSING
Inventors: Omer Rosenbaum, Richard Earl Simpkinson Shamyl Emrich Zakariya	n, Rusty Allen Gerard, and
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
\square the attached application; or	
$igstyle$ United States Patent Application number $\underline{1}$. <u>6/855,903</u> , filed on <u>April 22, 2020</u> ; or
PCT International Application number	filed on
The above-identified application was made or authorize	zed to be made by me.
I believe that I am the original inventor or an original j application.	oint inventor of a claimed Invention in the
I have reviewed and understand the contents o	f the above-identified application, and
acknowledge the duty to disclose to the US Patent & 7	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 under 18 USC 1001 by fine or imprisonment of not mo	
Rusty Allen Gerard Rusty Allen Gerard	
5/2/2020	
Date	

RECORDED: 05/08/2020

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. <u>16/855,903</u>	Attorney Docket No. <u>0053623-071US0</u>
Filing Date April 22, 2020	Client Docket No. <u>VUL-TEC-P-0032-US01</u>
Title of Invention: <u>SENSOR DATA COLLECT</u>	ION AND PROCESSING
Inventors: Omer Rosenbaum, Richard Ea Shamyl Emrich Zakariya	rl Simpkinson, Rusty Allen Gerard, and
<u>DECLARATION</u>	
As a below named inventor, I hereby decl	are that:
This declaration is directed to:	
$oxedsymbol{\square}$ the attached application; or	
United States Patent Applicat	ion number <u>16/855,903</u> , filed on <u>April 22, 2020</u> ; or
PCT International Application	number filed on
The above-identified application was made	de or authorized to be made by me.
I believe that I am the original inventor o application.	r an original joint inventor of a claimed Invention in the
I have reviewed and understand the	contents of the above-identified application, and
acknowledge the duty to disclose to the	JS 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 fa	alse statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
Docusigned by: Shamyl Eakariya	
Shamyl Emrich Zakariya	
4/30/2020	
Date	

Page 7 of 7