507869186 04/24/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7916318

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALAN VAN DRIE	05/15/2019

RECEIVING PARTY DATA

Name:	TAE TECHNOLOGIES, INC.	
Street Address:	19631 PAULING	
City:	FOOTHILL RANCH	
State/Country:	CALIFORNIA	
Postal Code:	92610	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	17521449
Application Number:	17965071

CORRESPONDENCE DATA

Fax Number:

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: 9495022870

Email: AFredericks@onellp.com Correspondent Name: KENNETH S. ROBERTS Address Line 1: 23 CORPORATE PLAZA

Address Line 2: **SUITE 150**

Address Line 4: NEWPORT BEACH, CALIFORNIA 92660

ATTORNEY DOCKET NUMBER:	T0089.0022.C1	
NAME OF SUBMITTER:	KENNETH S. ROBERTS, REG. NO. 38,283	
SIGNATURE:	/KENNETH S. ROBERTS/	
DATE SIGNED:	04/24/2023	

Total Attachments: 2

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> PATENT REEL: 063413 FRAME: 0759

507869186

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, ALAN VAN DRIE, residing in Orange, CA, (hereinafter referred to as

"ASSIGNOR"), have invented certain inventions entitled SYSTEMS AND METHODS FOR

IMPROVED SUSTAINMENT OF A HIGH PERFORMANCE FRC WITH MULTI-SCALED

CAPTURE TYPE VACUUM PUMPING, for which a U.S. patent application was filed on April

30, 2019, and assigned U.S. Patent Appl. No. 16/399,396, and

WHEREAS, TAE TECHNOLOGIES, INC., a corporation, doing business at 19631

Pauling, Foothill Ranch, CA 92610, (hereinafter referred to as "ASSIGNEE"), is desirous of

acquiring the ASSIGNOR'S entire right, title and interest in, to and under said invention and in, to

and under any Patent or similar legal protection to be obtained therefor in the United States of

America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby

acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE,

its successors and assigns, the ASSIGNOR'S full and entire right, title and interest to said invention

and to all Letters Patent or application or similar legal protection, not only in the United States and

its territorial possessions, but in all countries foreign thereto, to be obtained for said invention by

said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal

equivalent thereof in the United States or a foreign country for the full term or terms for which the

same may be granted, including all priority rights under the International Convention; and

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks, and any

officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue

said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in

accordance with this Assignment.

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PATENT REEL: 063413 FRAME: 0760 ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR hereby acknowledges an obligation of assignment of this invention to ASSIGNEE at the time the invention was made.

ASSIGNOR,

ALAN VAN DRIE

Date

May 15, 2019

Signed and hereby accepted on behalf of the Assignee:

Kenneth S. Roberts

Partner, ONE LLP

On Behalf of TAE Technologies, Inc.

6/4//2019 Date