

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5726015

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RYAN C. CAVITT	08/06/2019
TREVOR P. ORMONDE	08/06/2019
JAKE W. CAREY	08/06/2019
PATRICK D. SATYSHUR	08/06/2019
CHRISTOPHER P. ST. CLAIR	08/06/2019
SCOTT M. MUNSON	08/06/2019
RECEIVING PARTY DATA	
Name:	SIERRA NEVADA CORPORATION
Street Address:	444 SALOMON CIRCLE
City:	SPARKS
State/Country:	NEVADA
Postal Code:	89434
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16449229
CORRESPONDENCE DATA	
Fax Number:	
<i>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.</i>	
Email:	IPDocketingBOS@mintz.com
Correspondent Name:	MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO, P.C
Address Line 1:	ONE FINANCIAL CENTER
Address Line 2:	MINTZ LEVIN
Address Line 4:	BOSTON, MASSACHUSETTS 02111
ATTORNEY DOCKET NUMBER:	040198-562F01US
NAME OF SUBMITTER:	SUSAN TELFORD
SIGNATURE:	/Susan Telford/
DATE SIGNED:	09/18/2019
Total Attachments: 5	

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ASSIGNMENT

We, **Ryan C. Cavitt, Trevor P. Ormonde, Jake W. Carey, Patrick D. Satyshur, Christopher P. St. Clair and Scott M. Munson**, the undersigned, herein referred to as the ASSIGNOR, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **SIERRA NEVADA CORPORATION**, a corporation with an office at 444 Salomon Circle, Sparks, NV 89434 and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

REACTION CONTROL VORTEX THRUSTER SYSTEM

and electronically filed with the U.S. Patent and Trademark Office on **June 21, 2019**, and assigned Application No. **16/449,229**, including any subsequently filed utility applications, which claim priority to Application No. **16/449,229**, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

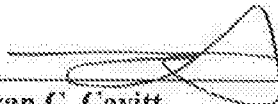
We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

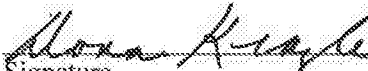
We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives 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 thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 8/6/2019



Ryan C. Cavitt

Witnessed by:



Signature

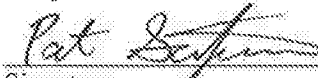
6 August 2019

Date

Donna Kraenele

Print Name

Witnessed by:



Signature

8/6/2019

Date

Pat Satyshur

Print Name

Date: 6 Aug 2019

Trevor P. Ormonde
Trevor P. Ormonde

Witnessed by:

Christopher P. St. Clair
Signature

Christopher P. St. Clair
Print Name

6 Aug 2019
Date

Witnessed by:

Scott M. Munson
Signature

Scott M. Munson
Print Name

6 Aug 2019
Date

Date: 6 Aug 2019

Jake W. Carey
Jake W. Carey

Witnessed by:

Donna Kraenzle
Signature

Donna Kraenzle
Print Name

6 Aug 2019
Date

Witnessed by:

Scott M. Munson
Signature

Scott M. Munson
Print Name

6 Aug 2019
Date

Date: 8/6/2019

Pat Satyshur
Patrick D. Satyshur

Witnessed by:

Donna Kraenzle
Signature

6 August 2019
Date

Donna Kraenzle
Print Name

Witnessed by:

Trevor Orenda
Signature

8/6/2019
Date

Trevor Orenda
Print Name

Date: 6 Aug 2019

Christopher P. St. Clair
Christopher P. St. Clair

Witnessed by:

Donna Kraenzle
Signature

6 Aug 2019
Date

Donna Kraenzle
Print Name

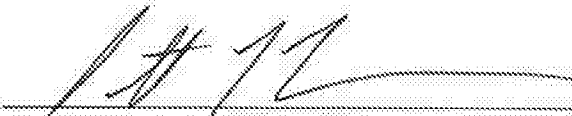
Witnessed by:

Mike Carey
Signature

6-Aug-2019
Date

Mike Carey
Print Name

Date: 6 Aug 2019


Scott M. Munson

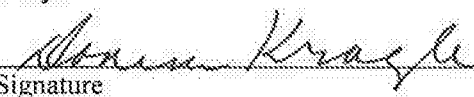
Witnessed by:


Signature

Christopher P. St. Clair
Print Name

6 Aug 2019
Date

Witnessed by:


Signature

Donna Krachete
Print Name

6 August 2019
Date