

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7907725

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SIERRA NEVADA CORPORATION	06/01/2021
RECEIVING PARTY DATA	
Name:	SIERRA SPACE CORPORATION
Street Address:	390 INTERLOCKEN CRESCENT, SUITE 500
City:	BROOMFIELD
State/Country:	COLORADO
Postal Code:	80021
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18103460
CORRESPONDENCE DATA	
Fax Number:	(858)314-1501
<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>	
Phone:	8583141500
Email:	mprovencio@mintz.com
Correspondent Name:	MINTZ LEVIN / MONIQUE MACEK
Address Line 1:	3580 CARMEL MOUNTAIN ROAD, #300
Address Line 4:	SAN DIEGO, CALIFORNIA 92130
ATTORNEY DOCKET NUMBER:	059979-522C01US
NAME OF SUBMITTER:	MONIQUE MACEK
SIGNATURE:	/moniquemacek/
DATE SIGNED:	04/18/2023
Total Attachments: 10	
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PATENT

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SIERRA SPACE CORPORATION

ASSIGNMENT OF PATENTS

This ASSIGNMENT OF PATENTS (this “**Assignment**”) is executed and effective as of June 1, 2021 (the “**Effective Date**”) by and between SIERRA NEVADA CORPORATION, a Nevada corporation (the “**Assignor**”) and SIERRA SPACE CORPORATION, a Delaware corporation (the “**Company**”).

A. WHEREAS, the parties have entered into that certain Separation Agreement, that certain Contribution, Assignment, and Assumption Agreement, and that certain Intellectual Property Assignment Agreement (collectively, the “**Separation Agreements**”), each of even date herewith and executed by and between Assignor and Company;

B. WHEREAS, under the terms of the Separation Agreements, Assignor has sold, transferred, assigned, conveyed, and delivered to Company, among other assets, (i) the invention(s); (ii) all applications for patent or similar rights regarding the invention(s); said applications including any and all provisional, non-provisional, divisional, continuation, continuation-in-part, international, confirmation, extension, substitute, and reissue application(s), including any application(s) filed in any country based thereon, and including the right to file foreign applications under the provisions of any treaty or convention; and (iii) foreign and domestic patents relating to (i) and (ii) hereof and all issuances, divisions, continuations, continuations-in-part, reissues, extensions, reexaminations, reissues and renewals thereof, in the United States and in all other countries, including without limitation those set forth on Schedule A hereto (collectively the “**Patents**”) together with all rights of registration, maintenance, and protection thereof in any form; and

C. WHEREAS, the Assignor desires to transfer the Patents and the Company desires to receive the Patents.

NOW, THEREFORE, subject to the terms, conditions, covenants and provisions of this Assignment, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto, intending legally to be bound, agree as follows:

1. Assignor hereby sells, assigns, transfers, conveys and delivers to the Company, its successors and assigns, the Assignor’s entire right, title and interest in and to (i) the Patents; and (ii) all past, present and future claims, counterclaims, causes of action, rights or recourse of Assignor against third parties relating to the Patents, whether choate or inchoate, known or unknown, contingent or non-contingent, all rights to income, royalties, damages and payments now due or hereafter due or payable in respect thereto, and all rights of recovery and of legal action for past, present, or future, infringements and of interference proceedings and reexaminations involving such Patents.

2. The parties acknowledge and agree that this Assignment is entered into pursuant to the Separation Agreements. In the event of any conflict or inconsistency between the terms of the Separation Agreements and the terms hereof, the terms of the Separation Agreements shall govern.


3. This Assignment may be executed and delivered (including by facsimile or other electronic transmission (*e.g.*, .pdf file)) in counterparts, and by the different parties hereto in separate counterparts, each of which when executed shall be deemed to be an original, but all of which taken together shall constitute one and the same document.

4. This Assignment shall be governed by the laws of the State of Colorado, without regard to its conflicts of law provisions. All disputes, controversies or claims (whether arising in contract, tort or otherwise) that may arise out of, relate to, arise under or in connection with, this Assignment shall be resolved in accordance with the resolution for disputes as agreed in the Separation Agreements.

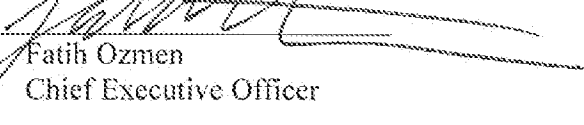
[Signature page follows.]

IN WITNESS WHEREOF, the parties hereto have caused this Assignment to be executed by their duly authorized representatives as of the day and year first above written.

SIERRA NEVADA CORPORATION
a Nevada corporation

By: 
Eren Ozmen
President

SIERRA SPACE CORPORATION
a Delaware corporation

By: 
Fatih Ozmen
Chief Executive Officer

[Signature page to Assignment of Patents]

**Schedule A
to Assignment of Patents**

Title	Country Name	Filing Date	Application No.	Issue Date	Patent Number
HYBRID PROPULSION SYSTEM	United States of America	4/15/2004	10/825924	7/4/2006	7069717
HYBRID PROPULSION SYSTEM	United States of America	2/1/2005	11/049344	3/17/2009	7503165
HYBRID PROPULSION SYSTEM	United States of America	3/16/2009	12/404977	1/24/2012	8099945
HIGH PROPULSION MASS FRACTION HYBRID PROPELLANT SYSTEM	United States of America	10/28/2005	11/261433	7/29/2008	7404288
SINGLE-PIECE HYBRID ROCKET MOTOR	United States of America	1/30/2007	11/668829	6/28/2011	7966809
HYBRID ROCKET MOTOR WITH ANNULAR, CONCENTRIC SOLID FUEL ELEMENTS	United States of America	6/18/2007	11/764677	9/24/2013	8539753
SLEW GUIDANCE METHOD FOR SPACECRAFT	United States of America	11/2/2007	11/934538	3/20/2012	8140198
EXCLUSION ZONE GUIDANCE METHOD FOR SPACECRAFT	United States of America	3/27/2008	12/079928	9/14/2010	7795566

Title	Country Name	Filing Date	Application No.	Issue Date	Patent Number
APPARATUS AND METHOD FOR THE DESIGN AND MANUFACTURE OF FOLDABLE INTEGRATED DEVICE ARRAY STIFFENERS	United States of America	3/4/2002	10/086373	8/31/2004	6784359
MATERIAL REGRESSION SENSOR	United States of America	4/11/2001	09/832471	7/8/2003	6590403
MARINE LED LIGHTING SYSTEM AND METHOD	United States of America	10/27/2008	12/258897	12/7/2010	7845814
MARINE LED LIGHTING SYSTEM AND METHOD	United States of America	1/6/2009	12/349156	2/1/2011	7878674
MARINE LED LIGHTING SYSTEM AND METHOD	United States of America	3/1/2013	13/782088	10/14/2014	8858012
PROCESS TO CREATE SIMULATED LUNAR AGGLUTINATE PARTICLES	United States of America	1/22/2008	12/017681	11/29/2011	8066796
UPGRADEABLE CONTROL SYSTEM FOR AQUARIUM LIGHTING	United States of America	9/21/2011	13/238637	10/21/2014	8863694

Title	Country Name	Filing Date	Application No.	Issue Date	Patent Number
LED OMNI-STRIP LIGHTING SYSTEM	United States of America	3/20/2012	13/424664	11/11/2014	8882291
CONDENSING HEAT EXCHANGER WITH HYDROPHILIC ANTIMICROBIAL COATING	United States of America	6/20/2008	12/143595	7/1/2014	8763682
MICROGRAVITY CONDENSING HEAT EXCHANGER	United States of America	7/1/2008	12/166233	3/29/2011	7913499
ACOUSTIC IGNITER	United States of America	2/15/2012	13/396919	3/3/2015	8966879
GLOW PLUG TYPE ACOUSTIC RESONANCE IGNITER	United States of America	5/15/2013	13/894919	10/25/2016	9476399
SOLAR ARRAY SYSTEM AND METHOD OF MANUFACTURING	United States of America	11/21/2017	15/819196	9/8/2020	10770606
SOLAR ARRAY SYSTEM AND METHOD OF MANUFACTURING	United States of America	7/31/2020	16/944739		
LOW-GRAVITY WATER CAPTURE DEVICE	United States of America	6/25/2019	16/473594		

Title	Country Name	Filing Date	Application No.	Issue Date	Patent Number
LOW-GRAVITY WATER CAPTURE DEVICE WITH WATER STABILIZATION	United States of America	2/9/2021	17/267413		
EXPANDING PIN ASSEMBLY CONTROLLED BY ACTUATOR FOR LOCKING AND UNLOCKING MECHANICAL JOINT	United States of America	5/5/2017	15/587945	10/20/2020	10808808
EXPANDING PIN ASSEMBLY CONTROLLED BY ACTUATOR FOR LOCKING AND UNLOCKING MECHANICAL JOINT	United States of America	9/16/2020	17/023232		
EXPANDING PIN ASSEMBLY CONTROLLED BY ACTUATOR FOR LOCKING AND UNLOCKING MECHANICAL JOINT	United States of America	9/30/2020	17/039271		
VORTEX HYBRID ROCKET MOTOR	United States of America	10/11/2018	16/157669		
REACTION CONTROL VORTEX THRUSTER SYSTEM	United States of America	6/21/2019	16/449229		

Title	Country Name	Filing Date	Application No.	Issue Date	Patent Number
HIGH TEMPERATURE LAYERED TILE INSULATION SYSTEM FOR AEROSPACE VEHICLES	United States of America	12/16/2019	16/716387		
ENCAPSULATED INSULATION WITH UNIFORMLY HEATED SURFACES FOR USE ON SPACECRAFT INTERNAL SURFACES	United States of America	4/9/2020	16/844938		
VORTEX THRUSTER SYSTEM INCLUDING CATALYST BED WITH SCREEN ASSEMBLY	United States of America	10/16/2020	17/072620		
MICROGRAVITY SYSTEM PHASE SEPARATOR	United States of America	10/19/2020	17/074276		
SOLAR ARRAY SYSTEM AND METHOD OF MANUFACTURING	Taiwan	7/27/2016	105123689	1/21/2019	I648946
LOW-GRAVITY WATER CAPTURE DEVICE WITH WATER STABILIZATION	Patent Cooperation Treaty	8/16/2019	PCT/US2019/46918		

Title	Country Name	Filing Date	Application No.	Issue Date	Patent Number
VORTEX HYBRID ROCKET TECHNOLOGY	Patent Cooperation Treaty	10/9/2019	PCT/US2019/055432		
REACTION CONTROL VORTEX THRUSTER SYSTEM	Patent Cooperation Treaty	6/19/2020	PCT/US2020/038735		
HIGH TEMPERATURE LAYERED TILE INSULATION SYSTEM FOR AEROSPACE VEHICLES	Patent Cooperation Treaty	12/15/2020	PCT/US2020/065063		
ENCAPSULATED INSULATION WITH UNIFORMLY HEATED SURFACES FOR USE ON SPACECRAFT INTERNAL SURFACES	Patent Cooperation Treaty	4/8/2021	PCT/US2021/26466		
SOLAR ARRAY SYSTEM AND METHOD OF MANUFACTURING	Japan	7/14/2016	2018-503797		
LOW-GRAVITY WATER CAPTURE DEVICE WITH WATER STABILIZATION	Japan	2/21/2021	TBD (JP national phase of PCT/US2019/046918)		

Title	Country Name	Filing Date	Application No.	Issue Date	Patent Number
VORTEX HYBRID ROCKET TECHNOLOGY	Israel	4/16/2021	282116		
VORTEX HYBRID ROCKET TECHNOLOGY	India	4/16/2020	202117021095		
SOLAR ARRAY SYSTEM AND METHOD OF MANUFACTURING	European Patent Convention	7/14/2016	16831027.4		
LOW-GRAVITY WATER CAPTURE DEVICE WITH WATER STABILIZATION	European Patent Convention	2/17/2021	EP19853316.8		
VORTEX HYBRID ROCKET TECHNOLOGY	European Patent Convention	4/27/2021	EP19871177.2		
VORTEX HYBRID ROCKET TECHNOLOGY	Brazil	4/8/2021	BR112021006716-7		

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