## 505393603 03/26/2019 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY DA	ATA			
		Name	Execution Date	
CHRISTOPHER L. BRID	GES		02/08/2019	
BERNARD FRIEDRICH	KUTTER		03/19/2019	
FRANK C. ZEGLER			03/19/2019	
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PROPERTY NUMBERS		Number		
	Total: 1	<b>Number</b> 214588		
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/Todd P. Blakely/

03/26/2019

# Total Attachments: 2

SIGNATURE: DATE SIGNED:

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Attomey Diseket No: 5704-94

#### ASSIGNMENT

WHEREAS, we, Christopher L. Bridges of 121 Orchard Street, Golden, Colorado 80401, Bernard Friedrich Kutter of 801 Brown Squirrel Lane, Golden, Colorado 80401, and Frank C. Zegler of P.O. Box 91, Idledale, Colorado 80453, have invented a certain new and useful invention entitled "VAPOR RETENTION DEVICE" (hereinafter "Invention") for which an application for Letters Patent of the United States has been prepared and filed on December 10, 2018, receiving Serial No. 16/214,588, and further identified as Attorney File No. 5704-94 (hereinafter "Application").

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of United Launch Alliance, L.L.C. ("ASSIGNEE"), a Delaware limited liability company having a place of business at 9501 East Panorama Circle, Centennial, Colorado 80112, do sell, assign and transfer unto Assignee, its successors, legal representatives and assigns, the Invention for all territories in the world and any improvements and modifications thereto, the Application, all applications from which the Application claims the benefit of priority, all applications claiming the benefit of priority from the Application, including, but not limited to, all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the Invention in the United States or any other country and the right to sue for past infringement of rights resulting from the Invention, the Application or any patent issuing therefrom; we also assign any right, title or interest in and to the Invention which has not already been transferred to ASSIGNEE, we warrant that we have made no assignment of the Invention, Application or patent therefor to a party other than ASSIGNEE, and we are under no obligation to make any assignment of the Invention, Application, or patent therefor to any other party; and we further agree to cooperate with ASSIGNEE in the obtaining and sustaining of any and all such Letters Patent and in confirming ASSIGNEE'S exclusive ownership of the Invention, but at the expense of ASSIGNEE.

For and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we, Christopher L. Bridges, Bernard Friedrich Kutter, and Frank C. Zegler, do sell, assign and transfer to ASSIGNEE, the right to claim priority to the Application for all applications pursuant to the Patent Cooperation Treaty and national and regional applications filed therefrom, all applications for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications thereof, and all patent applications in foreign countries and the right to be granted a patent for any of the foregoing applications.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to ASSIGNEE, its successors, legal representatives and assigns, as an assignce of an equal, undivided right, title and interest therein.

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IN WITNESS WHEREOF, each party hereto has executed this Assignment as of the date indicated hereunder.

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ASSIGNOR

5. 6-

Christopher L. Bridges

Date:\_2/8/2019

Bernard Friedrich Kutter

Frapk C. Zegler Date:

### ASSIGNEE UNITED LAUNCH ALLIANCE, L.L.C.

By:

Name:

P3094 A 31		
Title:		

Date:

## PATENT REEL: 048699 FRAME: 0175