

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GAVIN R SMITH	01/22/2021
STEFFEN REYMANN	01/25/2021
JONATHAN PACKHAM	01/25/2021
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<b>Name:</b>	CUBIC CORPORATION
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<b>Postal Code:</b>	92123
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17152504
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	PD990NP - 077205-1229979
<b>NAME OF SUBMITTER:</b>	JENNIFER LAWRENCE
<b>SIGNATURE:</b>	/jennifer lawrence/
<b>DATE SIGNED:</b>	01/25/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 2</b>	

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**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: **SELF-LEARNING GATE PADDLES FOR SAFE OPERATION**  
Application No. **17/152,504**, filed on **January 19, 2021**

**ASSIGNMENT**

WHEREAS, WE, Gavin R. Smith, residing at 4 Ritchie Close, Crawley, Great Britain RH10 7NA; Steffen Reymann, residing at 16 Telford Court, Guildford, Great Britain GU1 2EA; and Jonathan Packham, residing at 45 Forest Avenue, Ashford, Great Britain TN25 4GB, are the original inventors or original joint inventors of the invention(s), hereinafter referred to as "Invention(s)," in the above identified and/or attached patent application, hereinafter identified as the "Application;"

WHEREAS, Cubic Corporation, a corporation of the State of Delaware having a principle place of business at 9333 Balboa Avenue, San Diego, California 92123, hereinafter referred to as "Cubic," is desirous of acquiring an interest in the Invention(s) and Application; any United States, International, or foreign patent application directed to (at least in part) one or more of the Invention(s); and any United States or foreign Letters Patent and Registrations that may be granted and that is directed to (at least in part) one or more of the Invention(s);

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the inventors, have assigned, and by these presents do assign Cubic Corporation all right, title, and interest in and to the entirety of the Invention(s) and Application; any United States, International, or foreign patent application directed to (at least in part) one or more of the Invention(s); and any United States or foreign Letters Patent and Registrations that may be granted and that is directed to (at least in part) one or more of the Invention(s) and Application.

Should the Application be filed as a provisional, non-provisional, or International patent application in the United States or in any other country, we agree that the assignment assigns all right, title and interest to the filed application, to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the Application as provided by the Paris Convention.

The right, title, and interest is to be held and enjoyed by Cubic Corporation and Cubic Corporation's successors and assigns as fully and exclusively as it would have been held and enjoyed by us had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

We further agree that we will, without charge to us, but at Cubic Corporation's expense, (a) cooperate with Cubic Corporation in the prosecution of U.S. Patent applications and foreign counterparts directed to (at least in part) one or more of the Invention(s) or Application and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Cubic Corporation lawfully may request to obtain or maintain Letters Patent and Registrations for (at least in part) one or more of the Invention(s) and improvements in any and all countries, and to vest title thereto in Cubic Corporation, or Cubic Corporation's successors and assigns. We waive any obligation of Cubic Corporation to file foreign counterparts on (at least in part) one or more of the Invention(s); file the attached application; or continue pursuit of prosecution of (at least in part) one or more of the Invention(s). We agree that Cubic Corporation can, in its sole discretion, choose in which countries to file foreign counterparts and can further choose the type of each application that is to be filed, unless we have previously informed Cubic Corporation in writing of any foreign counterparts we would like the option to pursue or prosecute.

We hereby authorize and request Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834, to insert herein above an application number and filing date, when known, of any United States, International or foreign patent application that corresponds to the Application or is directed to any of the Invention(s).

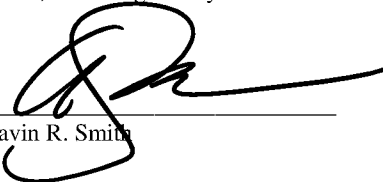
**DECLARATION**

As an above-named inventor, I hereby declare that:


- This declaration is directed to the Invention(s) disclosed in the Application; any filed United States or foreign application that is directed to one or more of the Invention(s); and any applications related by priority to such filed United States or foreign application that may include claims or claim elements supported in the Application.
- The Application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed or disclosed Invention(s) in the Application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 22<sup>nd</sup> Jan 2021

  
\_\_\_\_\_  
Gavin R. Smith

Dated: 25 Jan 2021

  
\_\_\_\_\_  
Steffen Reymann

Dated: 25/1/2021

  
\_\_\_\_\_  
Jonathan Packham