

## 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>                    |
| FRANCISCO A. NAVARRO  | 09/27/2019                               |
| LUCAS RODRIGUEZ DIAZ  | 09/15/2019                               |
| ERNESTO VALLS HERNANDEZ   | 09/26/2019                               |
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| <b>State/Country:</b>   | ILLINOIS                                 |
| <b>Postal Code:</b>   | 60606-1596                               |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                            |
| Application Number:   | 16570979                                 |
| <b>CORRESPONDENCE DATA</b>  |  |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 17-2651                                  |
| <b>NAME OF SUBMITTER:</b>   | DENNIS M. FLAHERTY                       |
| <b>SIGNATURE:</b>   | /Dennis Flaherty/                        |
| <b>DATE SIGNED:</b>   | 10/02/2019                               |
| <b>Total Attachments: 2</b>   |  |
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| source=2019-09-27_Assignment_17-2651-US-NP#page2.tif  |  |

**ASSIGNMENT**

**WHEREAS**, Francisco A. Navarro, residing at Madrid, Spain, Lucas Rodriguez Diaz, residing at Seville, Spain, and Ernesto Valls Hernandez, residing at Madrid, Spain (hereinafter "Assignors"), have invented certain new and useful inventions and improvements (hereinafter "Invention") described in United States Patent Application No. 16/570,979 filed on September 13, 2019 and entitled "A Computer-Implemented Method and a System for Defining a Path for a Vehicle Within an Environment With Obstacles", by which the Assignors are making application for **LETTERS PATENT OF THE UNITED STATES**, which application shall include declarations of inventorship duly executed by Assignors concurrently herewith;

**WHEREAS**, The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, USA, having a place of business at 100 North Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of 5301 Bolsa Avenue, Huntington Beach, California, 92647, USA (hereinafter called "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any United States or foreign **LETTERS PATENT** that may be granted therefor;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have assigned, sold and transferred, and do assign, sell and transfer to the Assignee, its successors and assigns, their entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries, and in and to any **LETTERS PATENT** of the United States and foreign countries, including utility models, inventor's certificates and like government grants that may be granted for any and all portions thereof, and in and to the patent application identified above and applications for patent filed for the Invention in all foreign countries and all provisional, divisional, reissue, continuation, continuation-in-part applications and extensions of any of the applications for patent or **LETTERS PATENT** identified herein, including all applications claiming the priority of said applications for patent or **LETTERS PATENT** identified herein, and the right to apply for **LETTERS PATENT** in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignors by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States **LETTERS PATENT** to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the **LETTERS PATENT** may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors if this assignment and sale had not been made. Assignors request and authorize the Commissioner of the U.S. Patent and Trademark Office, and foreign counterpart officials of foreign patent offices, to issue respective **LETTERS PATENT** in the United States and foreign countries when granted, in accordance with this assignment.

Assignors further covenant and agree with the Assignee that Assignors have a full and unencumbered title to the Assignors' interests in the Invention, which title Assignors warrant to the Assignee. Assignors further agree that Assignors will, without demanding any further

consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT, particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, we have each signed this Assignment on the respective dates specified below.



SEP-27-2019

Francisco A. Navarro


Date



SEPT 15<sup>th</sup>, 2019

Lucas Rodriguez Diaz

Date



SEPT 28, 2019

Ernesto Valls Hernandez

Date