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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
		07/26/2019
STEVEN BATES		07/20/2019

RECEIVING PARTY DATA

Name:	PANASONIC AVIONICS CORPORATION
Street Address:	26200 ENTERPRISE WAY
City:	LAKE FOREST
State/Country:	CALIFORNIA
Postal Code:	92630-8400

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16546203

CORRESPONDENCE DATA

Fax Number:

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.

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Email:	brian.furrer@panasonic.aero
Correspondent Name:	PANASONIC AVIONICS CORPORATION
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Address Line 2:	ATTN: BRIAN FURRER, LEGAL DEPT.
Address Line 4:	LAKE FOREST, CALIFORNIA 92630-8400

ATTORNEY DOCKET NUMBER:	154NP		
NAME OF SUBMITTER:	BRIAN FURRER		
SIGNATURE:	/Brian Furrer #37627/		
DATE SIGNED:	08/28/2019		
Total Attachments: 4			
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Docket No. 154NP

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, **Steven Bates**, residing in Mission Viejo, California, USA, and **Philip Watson**, residing in Lake Forest, California, USA (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled **SYSTEMS AND METHODS FOR MANAGING TRANSPORTATION VEHICLE RESOURCES**, for which a non-provisional patent application of the United States of America was filed on August 20, 2019, and accorded application Serial No. 16/546,203 and

WHEREAS, **PANASONIC AVIONICS CORPORATION**, a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business at 26200 Enterprise Way, Lake Forest, CA 92630-8400, USA, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefore in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, in consideration of the sum of one hundred US dollars (\$100.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for

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said invention by said application, and to any non-provisional, continuation, continuation-in-part, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including the right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, or other priority-conferring treaty; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to issue said patents and equivalents to said ASSIGNEE, its successors and assigns, in accordance with this Assignment and hereby transfers all rights of action, power and benefit belonging to or accruing from the invention including the right to undertake proceedings to recover past and future damages and claim all other relief in respect of any acts of infringement thereof whether such acts shall have been committed before or after the date of this Assignment.

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

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and that ASSIGNORS will testify

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as to the same in any interference, derivation proceeding, and/or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative 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 in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Lake Forest, California, USA, this dav of _, 2019. STEVEN BATES

WITNESS my hand at Lake Forest, California, USA, this _____ day of _____, 2019.

PHILIP WATSON

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as to the same in any interference, derivation proceeding, and/or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative 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 in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at Lake Forest, California, USA, this _____ day of _____, 2019.

STEVEN BATES

WITNESS my hand at Lake Forest, California, USA, this _____ day of august____, 2019. With

PHILIP WATSON

RECORDED: 08/28/2019

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PATENT REEL: 050204 FRAME: 0979