505145406 10/17/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5192172

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| PETER BRAUN | 10/16/2018 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16150143 |

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.

Email: alexis.swan@panasonic.aero

Correspondent Name: PANASONIC AVIONICS CORPORATION

Address Line 1: 26200 ENTERPRISE WAY

Address Line 4: LAKE FOREST, CALIFORNIA 92630

| ATTORNEY DOCKET NUMBER: | 128NP |
|-------------------------|---------------|
| NAME OF SUBMITTER: | ALEXIS SWAN |
| SIGNATURE: | /ALEXIS SWAN/ |
| DATE SIGNED: | 10/17/2018 |

Total Attachments: 2

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PATENT 505145406 REEL: 047195 FRAME: 0353

Docket No: 128NP

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, Peter Braun, (hereinafter referred to as "ASSIGNOR") have invented a certain invention entitled METHODS AND SYSTEMS FOR SELECTIVE MEDIA DISTRIBUTION FOR A VEHICLE ENTERTAINMENT SYSTEM for which a patent application of the United States of America was filed on October 2, 2018, and assigned application Serial No. 16/150,143; 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 (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, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets 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 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 all priority rights under the Paris Convention for the Protection of Industrial Property; and ASSIGNOR hereby authorizes and requests 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.

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

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day of

ASSIGNOR further covenants 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 ASSIGNOR and that ASSIGNOR will testify as to the same in any interference 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, this

..., 2018.

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