505021312 07/26/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5068060

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| SHOHEI FUJIWARA | 06/26/2018 |

RECEIVING PARTY DATA

| Name: | DENSO CORPORATION |
|-----------------|--------------------------|
| Street Address: | 1-1, SHOWA-CHO |
| City: | KARIYA-CITY, AICHI-PREF. |
| State/Country: | JAPAN |
| Postal Code: | 448-8661 |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 16072957 | |

CORRESPONDENCE DATA

Fax Number: (248)641-0270

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.

Phone: 248-641-1600 Email: mlonzo@hdp.com

Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C.

Address Line 1: P. O. BOX 828

Address Line 2: STANLEY M. ERJAVAC

Address Line 4: **BLOOMFIELD HILLS, MICHIGAN 48303**

| ATTORNEY DOCKET NUMBER: | 4041J-003344-US-NP |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | MELISSA LONZO |
| SIGNATURE: | /Melissa Lonzo/ |
| DATE SIGNED: | 07/26/2018 |

Total Attachments: 2

source=183761-UST-07_Assignment#page1.tif source=183761-UST-07 Assignment#page2.tif

> **PATENT REEL: 046466 FRAME: 0168** 505021312

Client Ref: 183761-UST-JO-st

譲渡証 ASSIGNMENT

| 記の発明に関する全権利並びに所有権を譲渡することに合意し、 | e社及びその相続人、譲渡先、その他の法的代理人に、米国及びその属地において、下 譲渡、売却、移譲します。 ncy of which is hereby expressly acknowledged, the undersigned hereby agree(s) | | | |
|--|--|--|--|--|
| 譲受者名: Assignee(s): | 住所: Address(es): | | | |
| DENSO CORPORATION | 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| as Assignee(s), and corresponding successors, assigns or ot America, and its territories, dependencies and possessions, to | ther legal representatives, the entire right, title and interest, in the United States of ocertain inventions known as | | | |
| 発明の名称: Title of VEHICLE ONBOARD APPAR Invention: | ATUS AND COMPUTER PROGRAM | | | |
| 上記発明についての米国登録特許証の出願は、 described in an application for Letters Patent of the United Sta | utes executed | | | |
| 本譲渡証と同日、もしくは on even date herewith | | | | |
| 米国出願番号としてに提出されたも as U.S. Application Serial No filed on _ | のです。 | | | |
| 商標局長官が上記譲受人に登録特許証を発行することを許可、希 | | | | |
| のために必要となるすべての手続を実行することに合意します。 | 客約すること、更に、本件発明の確保・維持・権利行使のために、また、 護受人の権利確保 受人が本件発明に関するすべての国際条約及び協定に基づく優先権を行使・要求する | | | |
| ことについて、それを許可し、その権限を上記譲受人に与えます。 | けして、この各面の登録に必要・適切となる追記をすることを許可します。 | | | |
| | f said application and all Letters Patents that may be granted therefor. The ates Commissioner of Patents and Trademarks to issue said Letters Patent or | | | |
| The undersigned agree(s), when requested, to sign all pape securing, maintaining and enforcing patents for said inventions | ers, take all rightful oaths, and perform all acts which may be necessary for s and for vesting title thereto in said Assignee(s). ee(s) to invoke and claim the benefit of the right of priority provided under any and | | | |
| all international conventions and treaties in respect of said inventions. The undersigned also authorize(s) Harness, Dickey & I | entions, as may be necessary in connection with said application. Pierce, P.L.C. to insert hereon any further identification that may be necessary | | | |
| or desirable for recordation of this document. 発明者はここに付随する添付各面上にリストされます。 | | | | |
| inventor(s) listed on the attached sheet which is incorporated I 注記: 上記日本語抄訳は、本書面の理解の助けとして付記してお | | | | |
| Note: The above Japanese text is for the purpose of helping the understanding of the reader. The interpretation of the Assignment should be based on the English text. | | | | |

Page 1

譲渡証(続き) ASSIGNMENT (Cont.)

| 署名: Signature: 第 1 発明者: First Inventor: | Shihe. Fujimora. Shohei Fujiwara | 署名日: - Date: | June, 26. 20(P. |
|--|-----------------------------------|-----------------|--|
| 署名: Signature: 第2発明者: Second Inventor: | | 署名日: | |
| 署名: Signature: 第 3 発明者: Third Inventor: | | 署名日: | |
| 署名: Signature: 第 4 発明者: Fourth Inventor: | | 署名日: Date: | |
| 署名: Signature: 第 5 発明者: Fifth Inventor: | | 署名日: Date: | |
| 署名: Signature: 第 6 発明者: Sixth Inventor: | | 署名日: | ······································ |
| 署名: Signature: 第 7 発明者: Seventh Inventor: | | 署名日: Date: | |
| 署名: Signature: 第 8 発明者: Eighth Inventor: | | 署名日: Date: | |
| 署名: Signature: 第9発明者: Ninth Inventor: | | 署名日: Date: | |
| 署名: Signature: 第 10 発明者: Tenth Inventor: | | 署名日: Date: | |