## 504203585 01/30/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4250261 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

## **CONVEYING PARTY DATA**

| Name             | Execution Date |
|------------------|----------------|
| HIDEAKI KIDO     | 11/21/2016     |
| HARUKI MATONO    | 11/21/2016     |
| TAKESHI NAGASAKI | 11/21/2016     |
| SHINJI KAKEGAWA  | 11/21/2016     |

### **RECEIVING PARTY DATA**

| Name:           | HITACHI AUTOMOTIVE SYSTEMS, LTD. |
|-----------------|----------------------------------|
| Street Address: | 2520, TAKABA                     |
| City:           | HITACHINAKA-SHI, IBARAKI         |
| State/Country:  | JAPAN                            |
| Postal Code:    | 312-8503                         |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 15500127 |

## **CORRESPONDENCE DATA**

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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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| ATTORNEY DOCKET NUMBER: | HITACHI22-111400962US01 |
|-------------------------|-------------------------|
| NAME OF SUBMITTER:      | GERALD B. HALT, JR.     |
| SIGNATURE:              | /Gerald B. Halt, Jr./   |
| DATE SIGNED:            | 01/30/2017              |

**Total Attachments: 3** 

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PATENT 504203585 REEL: 041125 FRAME: 0129

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PATENT REEL: 041125 FRAME: 0130

# **ASSIGNMENT**

(譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI AUTOMOTIVE SYSTEMS, LTD., a corporation organized under the laws of Japan,

located at 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

#### IMAGE PROCESSING DEVICE

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said. HITACHI AUTOMOTIVE SYSTEMS, LTD.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference preceedings, or otherwise to secure the title thereto in said assignes;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

Signed on the date(s) indicated aside our signatures:

INIVENTOR/S)

|     | (発明者フルネームサイン)              | (署名日)  |
|-----|----------------------------|--|
| 1)  | Itideaki Kide Hideaki KIDO | 11/21/2016                                   |
| 2)  | Haruki MATONO              | <u>*************************************</u> |
| 3)  | Takeshi NAGASAKI           |  |
| 4)  | Shinji KAKEGAWA            |  |
| 5)  |                            |  |
| 6)  |                            |  |
|     |                            | ·  |
| 8)  |                            |  |
| 9)  |                            |  |
| 10) |                            | 200000000000000000000000000000000000000      |

Data Signad

## ASSIGNMENT (譲渡証)

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said. HITACHI AUTOMOTIVE SYSTEMS, LTD.,

INVENTOR(S)

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference preceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI AUTOMOTIVE SYSTEMS, LTD.,

Signed on the date(s) indicated aside our signatures:

|                 | (発明者フルネームサイン)                      | (署名目)        |
|-----------------|------------------------------------|--------------|
| 1)_             | Hideaki KIDO                       | *            |
| 2) _            | Hayaki MATONO Haruki MATONO        | 11/21/2016   |
| 3) _            | Takeshi NAGA SAKI Takeshi NAGASAKI | 11/21 / 2016 |
| 4) _            | Shinji KAKEGAWA                    |              |
| 5) _            |                                    |              |
| 6) _            |                                    |              |
| 7) _            |                                    |              |
| 8) ~            |                                    |              |
| ð) <sup>~</sup> |                                    |              |
| 10)             |                                    |              |

PATENT REEL: 041125 FRAME: 0132

**Date Signed** 

## 

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI AUTOMOTIVE SYSTEMS, LTD., a corporation organized under the laws of Japan, located at 2520, Takaba, Hitachinaka-shi, Ibaraki 312-8503 Japan receipt of which is hereby acknowledged I do hereby sell and assign to said

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said. HITACHI AUTOMOTIVE SYSTEMS, LTD.,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or relissue applications or in any amendment, extension, or interference preceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI AUTOMOTIVE SYSTEMS, LTD.

Signed on the date(s) indicated aside our signatures:

| INVENTOR(S)<br>(発明者フルネームサイン) |                               | Date Signed<br>(署名日)                    |  |
|------------------------------|-------------------------------|---|--|
| 1)                           | Hideaki KIDO                  |   |  |
| 2)                           | Haruki MATONO                 |   |  |
| 3)                           | Takeshi NAGASAKI              |   |  |
| 4)                           | Shiri Kataawa shinji kakegawa | 11/21/2016                              |  |
| 5)                           |                               |   |  |
| 6)                           |                               | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |  |
| 7)                           |                               |   |  |
| 8)                           |                               |   |  |
| 9)                           |                               |   |  |
| 10)                          |                               |   |  |

PATENT REEL: 041125 FRAME: 0133

**RECORDED: 01/30/2017**