# 506729994 06/23/2021

# PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

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

#### **CONVEYING PARTY DATA**

| Name             | Execution Date |
|------------------|----------------|
| AKIYASU MIYAMOTO | 05/28/2021     |
| TAKAO MIYAKE     | 05/31/2021     |
| RYO KUSAKABE     | 06/01/2021     |

## **RECEIVING PARTY DATA**

| Name:           | HITACHI ASTEMO, LTD.     |
|-----------------|--------------------------|
| Street Address: | 2520, TAKABA             |
| City:           | HITACHINAKA-SHI, IBARAKI |
| State/Country:  | JAPAN                    |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 17289782 |

### **CORRESPONDENCE DATA**

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| ATTORNEY DOCKET NUMBER: | 119879.PE473US      |
|-------------------------|---------------------|
| NAME OF SUBMITTER:      | MICHAEL H. JACOBS   |
| SIGNATURE:              | /Michael H. Jacobs/ |
| DATE SIGNED:            | 06/23/2021          |

## **Total Attachments: 2**

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PATENT 506729994 REEL: 056633 FRAME: 0717

# **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 Astemo, Ltd., a corporation organized under the laws of Japan, located at 2520, Takaba, Hitachinaka-shi, Ibaraki, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Astemo, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

#### CONTROL UNIT OF FUEL INJECTION 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 Astemo, 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 proceedings, 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 Astemo, Ltd.,

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

|    |                  | (発明者フルネームサイン)               | (署名日)       |
|----|------------------|-----------------------------|-------------|
| 1) | Akiyasu MIYAMOTO | A. miyomato                 | 28 May 2021 |
| 2) | Takao MIYAKE     | D. Miyomato<br>Takao Miyake | 31 May 2021 |
| 3) | Ryo KUSAKABE     |                             |             |
| 4) |                  |                             |             |
| 5) |                  |                             |             |
| 6) |                  |                             |             |
| 7) |                  |                             |             |
| 8) |                  |                             |             |
| 9) |                  |                             |             |
| n) |                  |                             |             |

PATENT REEL: 056633 FRAME: 0718

Date Signed

# **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 Astemo, Ltd., a corporation organized under the laws of Japan, located at 2520, Takaba, Hitachinaka-shi, Ibaraki, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Astemo, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

#### CONTROL UNIT OF FUEL INJECTION 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 Astemo, 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 proceedings, 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 Astemo, Ltd.,

Signed on the date(s) indicated aside signatures:

RECORDED: 06/23/2021

INVENTOR(S)

|    |                  | (発明者フルネームサイン) | (署名日)        |
|----|------------------|---------------|--------------|
| 1) | Akiyasu MIYAMOTO | S. miyomeeto  | 28 May 2021  |
| 2) | Takao MIYAKE     | Ü             |              |
| 3) | Ryo KUSAKABE     | Ryo Ruspoke   | 1 Jun 2021   |
|    |                  |               | _            |
|    |                  |               |              |
| 5) |                  |               |              |
| 6) |                  |               |              |
| 7) |                  |               |              |
| 8) |                  |               | <del>-</del> |
| 9) |                  |               |              |
| 0) |                  |               |              |

PATENT REEL: 056633 FRAME: 0719

Date Signed