

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4285540

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKESHI MORINO	11/11/2016
SHINOBU TASHIRO	11/11/2016
MASASHI FUKAYA	11/11/2016
ATSUSHI INOUE	11/11/2016
MASANOBU INO	11/14/2016
NAOKI SAITO	11/11/2016
RECEIVING PARTY DATA	
Name:	HITACHI AUTOMOTIVE SYSTEMS, LTD.
Street Address:	2520, TAKABA
Internal Address:	HITACHINAKA-SHI
City:	IBARAKI
State/Country:	JAPAN
Postal Code:	312-8503
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15505703
CORRESPONDENCE DATA	
Fax Number:	(215)568-6499
<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	HITACHI7-111400341US01
NAME OF SUBMITTER:	DANIEL N. CALDER
SIGNATURE:	/Daniel N. Calder/
DATE SIGNED:	02/22/2017

PATENT

Total Attachments: 3

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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 by HITACHI AUTOMOTIVE SYSTEMS, LTD., a corporation organized under the laws of Japan, located at 2520, Tokaba, Hitachinaka shi, Ibaraki 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

THERMAL FLOWMETER

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, No. PCT/JP2016/069613 filed July 10, 2015, 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 and 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 AUTOMOTIVE SYSTEMS, LTD.

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

INVENTOR(S) (発明者氏名)	Date Signed (署名日)
1) <u>Takeshi Morino</u> Takeshi MORINO	<u>11/11/2016</u>
2) <u>Shinobu Tashiro</u> Shinobu TASHIRO	<u>11/11/2016</u>
3) <u>Masashi Fukaya</u> Masashi FUKAYA	<u>11/11/2016</u>
4) _____ Atsushi INOUE	_____
5) _____ Masanobu INO	_____
6) <u>Naoaki Saito</u> Naoaki SAITO	<u>11/11/2016</u>
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

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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 therein, No. PCT/JP2015/069813 filed July 10, 2015, 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;

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INVENTOR(S) (発明者氏名/サイン)	Date Signed (日付)
1) _____ Takashi MORINO	_____
2) <u>Shinobu Tashiro</u> Shinobu TASHIRO	<u>11 / 11 / 2016</u>
3) <u>Masashi Furuya</u> Masashi FURUYA	<u>11 / 11 / 2016</u>
4) _____ Atsushi INOUE	_____
5) <u>Masanobu Ino</u> Masanobu INO	<u>11 / 14 / 2016</u>
6) <u>Naoaki Saito</u> Naoaki SAITO	<u>11 / 11 / 2016</u>
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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;

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	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Takeshi MORINO	
2)	<i>Shinobu Tashiro</i> Shinobu TASHIRO	11 / 11 / 2016
3)	<i>Masashi Fukaya</i> Masashi FUKAYA	11 / 11 / 2016
4)	<i>Atsushi Inoue</i> Atsushi INOUE	11 / 11 / 2016
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6)	<i>Naoki Saito</i> Naoki SAITO	11 / 11 / 2016
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8)		
9)		
10)		