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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORIYUKI SAKUMA	03/29/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14652487

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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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Email: ggoodin@crowell.com **Correspondent Name: CROWELL & MORING LLP**

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ATTORNEY DOCKET NUMBER:	108005.67926US	
NAME OF SUBMITTER:	RICHARD R. DIEFENDORF	
SIGNATURE:	/Richard R. Diefendorf, Reg. No. 32,390/	
DATE SIGNED:	06/16/2015	

Total Attachments: 1

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REEL: 035843 FRAME: 0953

PATENT

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, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI AUTOMOTIVE SYSTEMS its successor and assigns, all my right, title and interest, in and for the United States of America, in and to

PHYSICAL QUANTITY SENSOR

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 successor, 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, Ltd.

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

INVENTOR(S) (発明者フルネームサイン) Date Signed (署名日)

1) Norigulei Sakuma Noriyuki SAKUMA

March 29, 20/5

PATENT REEL: 035843 FRAME: 0954

RECORDED: 06/16/2015