504604548 10/20/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSHIMITSU YANAGAWA	07/25/2017
MASAHIRO MATSUMOTO	07/25/2017
HIROSHI NAKANO	07/25/2017
AKIRA KOTABE	07/25/2017
SATOSHI ASANO	07/25/2017

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:	15568340

CORRESPONDENCE DATA

Fax Number:

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: 202-672-5300

Email: ipdocketing@foley.com, mboyce@foley.com

FOLEY & LARDNER LLP Correspondent Name: 3000 K STREET N.W. Address Line 1:

Address Line 2: SUITE 600

Address Line 4: WASHINGTON, D.C. 20007-5109

ATTORNEY DOCKET NUMBER:	096243-0175	
NAME OF SUBMITTER:	MARY JO BOYCE	
SIGNATURE:	/Mary Jo Boyce/	
DATE SIGNED:	10/20/2017	

Total Attachments: 1

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PATENT REEL: 043916 FRAME: 0136

EPAS ID: PAT4651260

504604548

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, Takaba, 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

SEMICONDUCTOR CHIP HAVING ON-CHIP NOISE PROTECTION CIRCUIT

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/JP2016/059534 filed March 25, 2016, 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 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)

(発明者フルネームサイン)	(署名日)
1) Yashimitsu Yanagaura Yoshimitsu YANAGAWA	Jul. 25, 2017
2) Mashine Matsumstonasahiro MATSUMOTO	1/25/2017
3) Hirochi Nakano Hiroshi NAKANO	7/25/2019
4) Ofice Kotale Akira KOTABE	7/25/2017
5) Satoshi asano. Satoshi ASANO	7/25/2017
6)	•
7)	
8)	
9)	
10)	

PATENT REEL: 043916 FRAME: 0137

Date Signed

RECORDED: 10/20/2017