# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
HIROKI SHIMODA	06/14/2018
SHINICHI TAKASE	06/14/2018
NOBUYUKI MATSUMURA	06/14/2018
YOSHINORI ITO	06/15/2018
HIDEO TAKAHASHI	06/15/2018

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16074523

### **CORRESPONDENCE DATA**

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REEL: 046524 FRAME: 0061 505030835

PATENT -

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NAME OF SUBMITTER: MICHAEL C. ADAMS

SIGNATURE: /Michael C. Adams/

**DATE SIGNED:** 08/01/2018

**Total Attachments: 2** 

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> PATENT REEL: 046524 FRAME: 0062

### ASSIGNMENT

which is hereby acknowledged, we,
Hiroki SHIMODA , of, Yokkaichi, Mie
Hiroki SHIMODA , of, Yokkaichi, Mie  [Full Name of Assignor #1] [Residence Address]
Shinichi TAKASE , of, Yokkaichi, Mie
Shinichi TAKASE , of, Yokkaichi, Mie  [Full Name of Assignor #2] [Residence Address]
Nobuyuki MATSUMURA , of, Yokkaichi, Mie  [Full Name of Assignor #3] [Residence Address]
[Full Name of Assignor #3] [Residence Address]
Yoshinori ITO , of, Yokkaichi, Mie  [Full Name of Assignor #4] [Residence Address]
[Full Name of Assignor #4] [Residence Address]
Hideo TAKAHASHI , of, Yokkaichi, Mie
[Full Name of Assignor #5] [Residence Address]
do hereby assign, sell and set over to:
AutoNetworks Technologies, Ltd.
[Full Legal Name of Assignee]
located at, 1-14 Nishisuehiro-cho, Yokkaichi, Mie 510-8503 Japan
[Assignee's Address]
Sumitomo Wiring Systems, Ltd.
[Full Legal Name of Assignee]
located at, 1-14 Nishisuehiro-cho, Yokkaichi, Mie 510-8503 Japan
[Assignee's Address]
Sumitomo Electric Industries, Ltd.
[Full Legal Name of Assignee] located at, 5-33 Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 541-0041 Japan
[Assignee's Address]
(hereinafter referred to as Assignee), its successors, assigns or other legal representatives, the entire right title and interest in the United States in and to the inventions and discoveries set forth in the application for United States Letters patent, entitled:
TEMPERATURE DETECTION MODULE
[Patent Application Title] which can be identified as:
United States Serial No.: 16/074,523 , filed August 1, 2018
including the right of said Assignee, its successors, assigns or other legal representatives to mal applications, including original, continuation, and divisional applications, and to receive Letters Patent for said inventions and discoveries in the United States in its own name or names, or in our name, at it election, and we hereby assign, sell and set over to said Assignee, its successors, assigns or other leg representatives, all rights of priority in and to said inventions and discoveries in the United States.
If the patent application has been filed, we authorize any practitioner associated with Customer No. 2339 to insert the application number and filing date of said application.

PATENT REEL: 046524 FRAME: 0063 We hereby agree for ourselves, our heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent in the United States of any and all kinds and to perform any and all acts which said Assignee, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein assigned, sold and set over. And we hereby represent and warrant that we have not granted any rights inconsistent with the rights granted herein.

Witness 1 (Optional):	Hiroki Shimo da Hiroki SHIMODA
Date:	Date:
Witness 2 (Optional):	Shinich Talone Shinichi TAKASE
Date:	Date: Jm 14, 2018
	Nobuyuki MATSUMURA
	Date: July 2018
	Yoshi'nor; Ito Yoshinori ITO
	Date: Jun 15, 2018
	Hideo Takahashi
	Date: Jun 15, 2018