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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
KOSUKE SONE	05/09/2018
HIROKI HIRAI	05/09/2018
MAKOTO HIGASHIKOZONO	05/09/2018
MITSUHIRO SHIMAMURA	05/14/2018
TADASHI GOTO	05/14/2018
KANA HASHIMOTO	05/10/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15991002

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PATENT REEL: 045924 FRAME: 0175

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NAME OF SUBMITTER:	MICHAEL C. ADAMS	
SIGNATURE:	/Michael C. Adams/	
DATE SIGNED:	05/29/2018	

Total Attachments: 2

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> PATENT REEL: 045924 FRAME: 0176

ASSIGNMENT

For the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, of, Yokkaichi, Mie [Full Name of Assignor #1] [Residence Address] Hiroki HIRAI , of, Yokkaichi, Mie [Full Name of Assignor #2] [Residence Address] Makoto HIGASHIKOZONO , of, Yokkaichi, Mie [Full Name of Assignor #3] [Residence Address] Mitsuhiro SHIMAMURA , of , Yokkaichi, Mie [Full Name of Assignor #4] [Residence Address] Tadashi GOTO , of, Yokkaichi, Mie [Full Name of Assignor #5] [Residence Address] Kana HASHIMOTO , of, Yokkaichi, Mie [Full Name of Assignor #6] [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: **WIRING UNIT** [Patent Application Title] which can be identified as: , filed May 29, 2018 United States Serial No.: 15/991,002 including the right of said Assignee, its successors, assigns or other legal representatives to make

including the right of said Assignee, its successors, assigns or other legal representatives to make 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 its election, and we hereby assign, sell and set over to said Assignee, its successors, assigns or other legal 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. 23399 to insert the application number and filing date of said application.

PATENT REEL: 045924 FRAME: 0177 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):	Kosuke Sono
	Kosuke SONE
Date:	Date: May 9, 2018
Witness 2 (Optional):	Hiroki Kiras
	Hiroki HIRAI
Date:	Date: May 9 2018
	Make to Appeshipen
	Makoto HIGASHIKOZONO
	Date: May 2018
	Mitsuhiro Shimamura
	Mitsuhiro SHIMAMURA
	Date: May 14.2018
	1
	Tadashi Goto
	Tadashi GOTO
	Date: May 14.2018
	,
	Kana Hashimoto
	Kana HASHIMOTO
	Date: May 10, 2018