

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3728957

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KEISHI KITAMURA	01/08/2016
YOSHIHIRO MIZUTANI	01/08/2016
YASUTO TAKEDA	01/07/2016
HIROKI HIRAI	01/08/2016
TETSUJI TANAKA	01/11/2016
HIROYOSHI MAESOB	01/11/2016
KOSUKE SONE	01/11/2016
TERUO KATO	01/12/2016
KAZUHISA NIMURA	01/12/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AUTONETWORKS TECHNOLOGIES, LTD.
<b>Street Address:</b>	1-14, NISHISUEHIRO-CHO
<b>City:</b>	YOKKAICHI-SHI, MIE
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	510-8503
<b>Name:</b>	SUMITOMO WIRING SYSTEMS, LTD.
<b>Street Address:</b>	1-14, NISHISUEHIRO-CHO
<b>City:</b>	YOKKAICHI-SHI, MIE
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	510-8503
<b>Name:</b>	SUMITOMO ELECTRIC INDUSTRIES, LTD.
<b>Street Address:</b>	5-33, KITAHAMA 4-CHOME, CHUO-KU
<b>City:</b>	OSAKA-SHI, OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	541-0041
<b>Name:</b>	AISIN AW CO., LTD.
<b>Street Address:</b>	10, TAKANE, FUJII-CHO
<b>City:</b>	ANJO-SHI, AICHI
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	444-1192

PATENT

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14910444

**CORRESPONDENCE DATA**

**Fax Number:** (212)725-2452

*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:** 2127252450

**Email:** docketing@hpiplaw.com

**Correspondent Name:** HESPOS & PORCO LLP

**Address Line 1:** 110 WEST 40TH STREET

**Address Line 2:** SUITE 2501

**Address Line 4:** NEW YORK, NEW YORK 10018

<b>ATTORNEY DOCKET NUMBER:</b>	W14035OABUS0
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<b>NAME OF SUBMITTER:</b>	GERALD E. HESPOS
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<b>SIGNATURE:</b>	/Gerald E. Hespos/
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<b>DATE SIGNED:</b>	02/05/2016
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	This document serves as an Oath/Declaration (37 CFR 1.63).
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**Total Attachments: 4**

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**ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63 (e))  
For Application Filing Date on or after September 16, 2012**

**ASSIGNMENT**

(1-9) <b>Insert Legal Name of Inventor(s)</b>	(1) <u>Keishi KITAMURA</u> (3) <u>Yasuto TAKEDA</u> (5) <u>Tetsui TANAKA</u> (7) <u>Kosuke SONE</u> (9) <u>Kazuhisa NIMURA</u>	(2) <u>Yoshihiro MIZUTANI</u> (4) <u>Hiroki HIRAI</u> (6) <u>Hiroyoshi MAESOBA</u> (8) <u>Teruo KATO</u>
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In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(10-13) <b>Insert Name and Address of Assignee(s)</b>	(10) <u>AUTONETWORKS TECHNOLOGIES, LTD., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, Japan</u> (11) <u>SUMITOMO WIRING SYSTEMS, LTD., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, Japan</u> (12) <u>SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, Japan</u> (13) <u>AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192, Japan</u>
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(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letter Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(14) <b>Insert Identification such as Title, Case Number, or Foreign Application Number</b>	(14) <u>WIRE HARNESS AND CONNECTOR</u>  (Attorney Docket No. <u>W14035OABUS0</u> ), filed on even date herewith or as
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(15) <b>Alternative Identification for filed applications</b>	(15) U.S. Application No. _____ filed _____
---	--

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such application and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant processing which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or said has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of HESPOS AND PORCO LLP the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with rules of the United States and Trademark Office for recordation of this document.

**(15) Declaration**

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>Jan. 8, 2016</u>	Inventor Signature <u>Keishi KITAMURA</u> (SEAL)
Date <u>Jan 8, 2016</u>	Inventor Signature <u>Yoshikazu MIZUTANI</u> (SEAL)
Date <u>Jan. 7, 2016</u>	Inventor Signature <u>Yasuto TAKEDA</u> (SEAL)
Date <u>Jan. 8, 2016</u>	Inventor Signature <u>Hiroshi Hirai</u> (SEAL)
Date <u>Jan. 11, 2016</u>	Inventor Signature <u>Tetsuji Tanaka</u> (SEAL)
Date <u>Jan. 11, 2016</u>	Inventor Signature <u>Hiroyasshi Muegah</u> (SEAL)
Date <u>Jan. 11, 2016</u>	Inventor Signature <u>Kosuke SONE</u> (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Counsel if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date <u>January 11, 2016</u>	Witness <u>Koji Murakami</u>
Date _____	Witness _____

**ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63 (e))  
For Application Filing Date on or after September 16, 2012**

**ASSIGNMENT**

Insert	(1) <u>Keishi KITAMURA</u>	(2) <u>Yoshihiro MIZUTANI</u>
(1-9) Legal Name	(3) <u>Yasuto TAKEDA</u>	(4) <u>Hiroki HIRAI</u>
of Inventor(s)	(5) <u>Tetsuji TANAKA</u>	(6) <u>Hirovoshi MAESOBA</u>
	(7) <u>Kosuke SONE</u>	(8) <u>Tenue KATO</u>
	(9) <u>Kazuhisa NIMURA</u>	

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(10-13) Insert Name and Address of Assignee(s)	(10) <u>AUTONETWORKS TECHNOLOGIES, LTD., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, Japan</u> (11) <u>SUMITOMO WIRING SYSTEMS, LTD., 1-14, Nishisuehiro-cho, Yokkaichi-shi, Mie 510-8503, Japan</u> (12) <u>SUMITOMO ELECTRIC INDUSTRIES, LTD., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, Japan</u> (13) <u>ALISINAW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi 444-1192, Japan</u>
---	---

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letter Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(14) Insert Identification such as Title, Case Number, or Foreign Application Number	(14) <u>WIRE HARNESS AND CONNECTOR</u>  (Attorney Docket No. <u>W14035OABUS0</u> ), filed on even date herewith or as
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(15) Alternative Identification for filed applications	(15) U.S. Application No. _____ filed _____
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- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such application and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant processing which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or said has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of HESPOS AND PORCO LLP the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with rules of the United States and Trademark Office for recordation of this document.

**(15) Declaration**

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date _____	Inventor Signature _____ (SEAL)
Date <u>Jan. 12, 2016</u>	Inventor Signature <u>J. Kato</u> (SEAL)
Date <u>Jan. 12, 2016</u>	Inventor Signature <u>K. Kimura</u> (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Counsel if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____	Witness _____
Date <u>Jan. 12, 2016</u>	Witness <u>R. Komatsu</u>