

**PATENT COOPERATION TREATY**

**TRANSLATION**

From the  
INTERNATIONAL SEARCHING AUTHORITY

**PCT**

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:

Date of mailing (day/month/year)	<b>27.12.2016</b>
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Applicant's or agent's file reference <b>FPSZ-636PCT</b>	<b>FOR FURTHER ACTION</b> See paragraph 2 below
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International application No. <b>PCT/JP2016/084311</b>	International filing date (day/month/year) <b>18.11.2016</b>	Priority date (day/month/year) <b>02.12.2015</b>
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International Patent Classification (IPC) or both national classification and IPC  
**H02G3/04 (2006.01) i, B60R16/02 (2006.01) i, H01B7/00 (2006.01) i**

Applicant  
**AUTONETWORKS TECHNOLOGIES, LTD.**

1. This opinion contains indications relating to the following items:

- Box No. I Basis of the opinion
- Box No. II Priority
- Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- Box No. IV Lack of unity of invention
- Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- Box No. VI Certain documents cited
- Box No. VII Certain defects in the international application
- Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

Name and mailing address of the ISA/JP	Date of completion of this opinion	Authorized officer
Facsimile No.		Telephone No.

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Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:
  - the international application in the language in which it was filed
  - a translation of the international application into \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).
2.  This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))
3.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of a sequence listing:
  - a.  forming part of the international application as filed:
    - in the form of an Annex C/ST.25 text file.
    - on paper or in the form of an image file.
  - b.  furnished together with the international application under PCT Rule 13ter.1(a) for the purposes of international search only in the form of an Annex C/ST.25 text file.
  - c.  furnished subsequent to the international filing date for the purposes of international search only:
    - in the form of an Annex C/ST.25 text file (Rule 13ter.1(a)).
    - on paper or in the form of an image file (Rule 13ter.1(b) and Administrative Instructions, Section 713).
4.  In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that forming part of the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

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<b>Box No. V</b>	<b>Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</b>		
1. Statement			
Novelty (N)	Claims	1-3	YES
	Claims		NO
Inventive step (IS)	Claims		YES
	Claims	1-3	NO
Industrial applicability (IA)	Claims	1-3	YES
	Claims		NO
2. Citations and explanations:			
<p>Document 1: JP 2001-146575 A (KANSAI PAINT CO., LTD.) 29 May 2001, paragraphs [0011]-[0020], [0033]-[0042], [0052]-[0057] (Family: none)</p> <p>Document 2: WO 2014/061795 A1 (YAZAKI CORP.) 24 April 2014, paragraphs [0020]-[0029], fig. 1, 2, 4, 5 &amp; US 2015/0222103 A1, paragraphs [0030]-[0036], fig. 1, 2, 4, 5 &amp; JP 2014- 82909 A &amp; DE 112013005075 T5 &amp; CN 104737399 A</p> <p>The invention as in claims 1-3 does not involve an inventive step with respect to document 1 and document 2 cited in the ISR.</p> <p>Document 1 discloses a coating material composition for preventing local detachment of a coating film occurring when pebbles hurled up by a wheel of a car traveling on a road hits the coating film surface of the external plate part of the car, wherein a coating film formed from the chipping-resistant coating material composition has a relaxation modulus of 0.05-1.00 GPa within a relaxation time range of 10<sup>-5</sup>-10<sup>5</sup> seconds and has</p>			

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**Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

a film thickness of 10-60  $\mu\text{m}$ , and the coating material composition is applied onto materials such as metal in cars.

Document 2 discloses a wire harness exterior member of a wire harness wired in a car, wherein the exterior member comprises: a conduction path; and a metal pipe for covering and protecting the conduction path, and the metal pipe is formed by using a material having shock resistance and strength so that the metal pipe can continue to protect the conduction path inside thereof from underfloor chipping and running over of curb stones, etc., and a resin coating is provided to the external surface thereof, and also the exterior member is subjected to painting with orange color so that visual recognition is possible.

Hence, a person skilled in the art could easily conceive of using a coating film formed from the coating material composition disclosed in document 1 as a coating for the metal pipe which protects the conduction path in the invention disclosed in document 2.