

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)

Applicant's or agent's file reference <b>393007167-5</b>		<b>FOR FURTHER ACTION</b> See paragraph 2 below	
International application No. <b>PCT/JP2005/013360</b>	International filing date (day/month/year) <b>21.07.2005</b>	Priority date (day/month/year)	
International Patent Classification (IPC) or both national classification and IPC			
Applicant <b>MARS TECHNOLOGY INSTITUTE CO., LTD.</b>			

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.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP	Authorized officer
Facsimile No.	Telephone No.

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2005/013360

Box No. I	Basis of this opinion
1.	With regard to the <b>language</b> , this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
<input type="checkbox"/>	This opinion has been established on the basis of a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of international search (under Rule 12.3 and 23.1(b)).
2.	With regard to any <b>nucleotide and/or amino acid sequence</b> disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a.	type of material
<input type="checkbox"/>	a sequence listing
<input type="checkbox"/>	table(s) related to the sequence listing
b.	format of material
<input type="checkbox"/>	in written format
<input type="checkbox"/>	in computer readable form
c.	time of filing/furnishing
<input type="checkbox"/>	contained in the international application as filed.
<input type="checkbox"/>	filed together with the international application in computer readable form.
<input type="checkbox"/>	furnished subsequently to this Authority for the purposes of search.
3.	<input type="checkbox"/> In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No. PCT/JP2005/013360
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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	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 2px;">Novelty (N)</td> <td style="width: 10%; padding: 2px;">Claims</td> <td style="width: 60%; padding: 2px;">1-3</td> <td style="width: 10%; padding: 2px;">YES</td> </tr> <tr> <td></td> <td style="padding: 2px;">Claims</td> <td style="padding: 2px;">_____</td> <td style="padding: 2px;">NO</td> </tr> <tr> <td style="padding: 2px;">Inventive step (IS)</td> <td style="padding: 2px;">Claims</td> <td style="padding: 2px;">1-3</td> <td style="padding: 2px;">YES</td> </tr> <tr> <td></td> <td style="padding: 2px;">Claims</td> <td style="padding: 2px;">_____</td> <td style="padding: 2px;">NO</td> </tr> <tr> <td style="padding: 2px;">Industrial applicability (IA)</td> <td style="padding: 2px;">Claims</td> <td style="padding: 2px;">1-3</td> <td style="padding: 2px;">YES</td> </tr> <tr> <td></td> <td style="padding: 2px;">Claims</td> <td style="padding: 2px;">_____</td> <td style="padding: 2px;">NO</td> </tr> </table>	Novelty (N)	Claims	1-3	YES		Claims	_____	NO	Inventive step (IS)	Claims	1-3	YES		Claims	_____	NO	Industrial applicability (IA)	Claims	1-3	YES		Claims	_____	NO
Novelty (N)	Claims	1-3	YES																						
	Claims	_____	NO																						
Inventive step (IS)	Claims	1-3	YES																						
	Claims	_____	NO																						
Industrial applicability (IA)	Claims	1-3	YES																						
	Claims	_____	NO																						
2. Citations and explanations:	<p>Document 1: JP 9-275402 A (Sony Corp.), 21 October 1997, paragraphs 0032 and 0041 to 0042 &amp; WO 1997/038513 A1 &amp; US 6115392 A &amp; EP 0841791 A1</p> <p>Document 2: JP 2004-126944 A (Canon Inc.), 22 April 2004, paragraphs 0028 to 0031; Fig. 6 &amp; US 2004/0068566 A1</p> <p>Document 3: WO 1996/031968 A1 (Mars Technology Institute Co., Ltd.), 10 October 1996, Full text; all drawings &amp; AU 9520857 A</p> <p>Document 1 indicates the general state of art in the relevant technical field. Document 1 describes use of a bus ID number ("location number") and a Physical ID number ("hardware number") under IEEE1394 to specify a node ID number ("node address"), and use of a VPI and VCI at ATMs to specify a node address.</p> <p>Document 2 indicates the general state of art in the relevant technical field. Document 2 describes use of a network address part ("location number") and a host address part ("hardware number") under IPv6 to specify a node address.</p> <p>Document 3 describes a message transmission method that uses a transfer route number ("location number") and a unit number ("hardware number").</p> <p>The method of Claims 1-3, relating to addresses for distinguishing between nodes connected to a network, combines the single-digit bit of each of the numbers in an n-digit hardware number comprised of three values "1.0.Z" and an n-digit location number comprised of two values "1.0" to create an n-digit node address comprised of two values "1.0". This method is neither described in any of the documents cited in the ISR, nor is this obvious to a person skilled in the art.</p>																								