

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 T794-PCT		FOR FURTHER ACTION See paragraph 2 below
International application No. PCT/JP2007/069984	International filing date (day/month/year) 12.10.2007	Priority date (day/month/year)
International Patent Classification (IPC) or both national classification and IPC		
Applicant FUJITSU LIMITED		

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	Date of completion of this opinion	Authorized officer
Facsimile No.		Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2007/069984

Box No. I	Basis of this opinion
1.	<p>With regard to the language, this opinion has been established on the basis of:</p> <p><input checked="" type="checkbox"/> the international application in the language in which it was filed</p> <p><input type="checkbox"/> 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)).</p>
2.	<p><input type="checkbox"/> 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))</p>
3.	<p>With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:</p> <p>a. type of material</p> <p><input type="checkbox"/> a sequence listing</p> <p><input type="checkbox"/> table(s) related to the sequence listing</p> <p>b. format of material</p> <p><input type="checkbox"/> on paper</p> <p><input type="checkbox"/> in electronic form</p> <p>c. time of filing/furnishing</p> <p><input type="checkbox"/> contained in the international application as filed</p> <p><input type="checkbox"/> filed together with the international application in electronic form</p> <p><input type="checkbox"/> furnished subsequently to this Authority for the purposes of search</p>
4.	<p><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.</p>
5.	<p>Additional comments:</p>

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No. PCT/JP2007/069984
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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																											
1. Statement	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; padding: 5px;">Novelty (N)</td> <td style="width: 60%; padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; padding: 5px;">Claims</td> <td style="padding: 5px;"><u>1-13</u></td> <td style="width: 30%; padding: 5px;">YES</td> </tr> <tr> <td style="padding: 5px;">Claims</td> <td style="padding: 5px;">_____</td> <td style="padding: 5px;">NO</td> </tr> </table> </td> <td style="width: 10%;"></td> </tr> <tr> <td style="padding: 5px;">Inventive step (IS)</td> <td style="padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; padding: 5px;">Claims</td> <td style="padding: 5px;"><u>1-13</u></td> <td style="width: 30%; padding: 5px;">YES</td> </tr> <tr> <td style="padding: 5px;">Claims</td> <td style="padding: 5px;">_____</td> <td style="padding: 5px;">NO</td> </tr> </table> </td> <td style="width: 10%;"></td> </tr> <tr> <td style="padding: 5px;">Industrial applicability (IA)</td> <td style="padding: 5px;"> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; padding: 5px;">Claims</td> <td style="padding: 5px;"><u>1-13</u></td> <td style="width: 30%; padding: 5px;">YES</td> </tr> <tr> <td style="padding: 5px;">Claims</td> <td style="padding: 5px;">_____</td> <td style="padding: 5px;">NO</td> </tr> </table> </td> <td style="width: 10%;"></td> </tr> </table>	Novelty (N)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; padding: 5px;">Claims</td> <td style="padding: 5px;"><u>1-13</u></td> <td style="width: 30%; padding: 5px;">YES</td> </tr> <tr> <td style="padding: 5px;">Claims</td> <td style="padding: 5px;">_____</td> <td style="padding: 5px;">NO</td> </tr> </table>	Claims	<u>1-13</u>	YES	Claims	_____	NO		Inventive step (IS)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; padding: 5px;">Claims</td> <td style="padding: 5px;"><u>1-13</u></td> <td style="width: 30%; padding: 5px;">YES</td> </tr> <tr> <td style="padding: 5px;">Claims</td> <td style="padding: 5px;">_____</td> <td style="padding: 5px;">NO</td> </tr> </table>	Claims	<u>1-13</u>	YES	Claims	_____	NO		Industrial applicability (IA)	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; padding: 5px;">Claims</td> <td style="padding: 5px;"><u>1-13</u></td> <td style="width: 30%; padding: 5px;">YES</td> </tr> <tr> <td style="padding: 5px;">Claims</td> <td style="padding: 5px;">_____</td> <td style="padding: 5px;">NO</td> </tr> </table>	Claims	<u>1-13</u>	YES	Claims	_____	NO	
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2. Citations and explanations:	<p>Document 1: JP 2003-298953 A (Seiko Epson Corp.), 17 October 2003, entire text; all drawings (Family: none)</p> <p>Document 2: JP 2007-189535 A (Hitachi Kokusai Electric Inc.), 26 July 2007, entire text; all drawings (Family: none)</p> <p>Document 3: JP 4-259125 A (NEC Corp.), 14 September 1992, entire text; all drawings (Family: none)</p> <p>Document 4: JP 10-322205 A (Nippon Columbia Co., Ltd.), 04 December 1998, entire text; all drawings (Family: none)</p> <p>Explanation:</p> <p>Because none of documents 1 through 4 presented in the ISR disclose or suggest a correction circuit provided with output data of an AD converter and a correction quantity operation unit for creating a conversion table from the output of an equalization circuit, they cannot deprive the invention as in claims 1 through 13 of novelty or inventiveness.</p>																											