

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY**

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference WOCN1511434	<b>FOR FURTHER ACTION</b>		See item 4 below
International application No. PCT/CN2015/082786	International filing date ( <i>day/month/year</i> ) 30 June 2015 (30.06.2015)	Priority date ( <i>day/month/year</i> )	
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237			
Applicant SHENZHEN NIC TECHNOLOGY CO., LTD.			

<p>1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).</p> <p>2. This REPORT consists of a total of 7 sheets, including this cover sheet.</p> <p>In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.</p>																								
<p>3. This report contains indications relating to the following items:</p> <table> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. I</td> <td>Basis of the report</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. II</td> <td>Priority</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. III</td> <td>Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. IV</td> <td>Lack of unity of invention</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td>Box No. V</td> <td>Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VI</td> <td>Certain documents cited</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VII</td> <td>Certain defects in the international application</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Box No. VIII</td> <td>Certain observations on the international application</td> </tr> </table> <p>4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).</p>	<input checked="" type="checkbox"/>	Box No. I	Basis of the report	<input type="checkbox"/>	Box No. II	Priority	<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability	<input type="checkbox"/>	Box No. IV	Lack of unity of invention	<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement	<input type="checkbox"/>	Box No. VI	Certain documents cited	<input type="checkbox"/>	Box No. VII	Certain defects in the international application	<input type="checkbox"/>	Box No. VIII	Certain observations on the international application
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<p align="center">The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland</p> <p>Facsimile No. +41 22 338 82 70</p>	<p>Date of issuance of this report 02 January 2018 (02.01.2018)</p>
	<p>Authorized officer</p> <p align="center"><b>Lingfei Bai</b></p> <p>e-mail: pct.team2@wipo.int</p>

**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>01.04.2016</b>
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Applicant's or agent's file reference <b>WOCN1511434</b>	<b>FOR FURTHER ACTION</b> See paragraph 2 below
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International application No. <b>PCT/CN2015/082786</b>	International filing date (day/month/year) <b>30.06.2015</b>	Priority date (day/month/year)
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International Patent Classification (IPC) or both national classification and IPC  
**G06F17/30 (2006.01) i**

Applicant  
**SHENZHEN NIC TECHNOLOGY CO., 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/CN	Date of completion of this opinion	Authorized officer
Facsimile No.		Telephone No.

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/CN2015/082786

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 filed or furnished:
  - a. (means)
    - on paper
    - in electronic form
  - b. (time)
    - in the international application as filed
    - together with the international application in electronic form
    - subsequently to this Authority for the purposes of search
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 in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5. Additional comments:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No. PCT/CN2015/082786
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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 <u>1-7, 9-10</u>	YES
		Claims <u>8, 11</u>	NO
	Inventive step (IS)	Claims <u>None</u>	YES
		Claims <u>1-11</u>	NO
	Industrial applicability (IA)	Claims <u>1-11</u>	YES
		Claims <u>None</u>	NO

2. Citations and explanations:

[1] 1. Reference is made to the following reference documents:

[2] D1: CN 1632814 A, (29 June 2005)

[3] D2: CN 1567306 A (19.January.2005)

[4] 2. Novelty and Inventive Step

[5] D1 discloses a buyer-driven mobile electronic commerce system and a method for implementing same (see abstract, and description, page 1, lines 24-34, and page 2, lines 9-14): a buyer contacts a mobile electronic commerce platform 1 by means of a mobile phone; and an expected condition of the buyer is received, the expected condition comprising the name and price of an expected commodity (equivalent to the first terminal sending to a server requirement information for acquiring target data); a central controller 2 matches the expected condition of the buyer to

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

expectations of relevant registered sellers (namely, the server receiving the requirement information of the target data sent by the first terminal and searching for at least two matching second terminals according to the requirement information); a matching module finds, by matching, potential sellers; the mobile electronic commerce platform transmits information to a certain number of corresponding registered sellers (namely, after determining that the matching second terminal is found or if the matching second terminal is found, the server sending to the second terminal an interaction request for acquiring the target data); the sellers feed the information back to the buyer according to the expectation of the buyer (equivalent to the second terminal sending, according to the interaction request, the target data to the first terminal); and the buyer selects, according to the information fed back, a suitable seller to complete the operation (equivalent to the first terminal receiving the target data).

- [6] Claims 1, 5, 9 and 10 differ from D1 in that: (1) the requirement information comprises characteristic information of the holding party of the target data, and what is to match is said characteristic information. Therefore, claims 1, 5, 9 and 10 and dependent claims 2-4, 6 and 7 thereof are novel in the sense of PCT Article 33(2).

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

[7] D2 discloses a method for searching for merchant data (see description, page 3, line 1 to page 5, line 20, and figure 2): a data source terminal 1 (namely, the server) requires a user 2 to input the merchant type to be searched for (namely, sending to the server the requirement information for acquiring the target data, the requirement information comprising the characteristic information of the holding party of the target data), and the data source terminal screens a merchant data inventory for merchant data complying with the merchant type, and transmits to the user 2 the merchant data after marking same on a map (namely, acquiring the target data from the server according to the requirement information). Therefore, D2 discloses the described difference (1) and all the features of claims 8 and 11. Accordingly, claims 1, 5, 9 and 10 do not involve an inventive step in the sense of PCT Article 33(3), and claims 8 and 11 lack novelty in the sense of PCT Article 33(2) and do not involve an inventive step in the sense of PCT Article 33(3).

[8] With regard to claims 2 and 6, D1 discloses the merchant type, such as a restaurant, a bookstore or a clothing store (namely, the field in which the holding party is interested); and moreover, the favourable rating and data interaction success rate are common screening features and are common general knowledge in the art;

[9] With regard to claims 3 and 7, the additional

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

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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

features thereof are common transaction data, and are common general knowledge in the art.

[10] With regard to claim 4, D1 discloses: the seller has an intention to accept, and contacts the buyers, if the buyer makes confirmation, then a transaction is generated. Therefore, claims 2-4, 6 and 7 do not involve an inventive step in the sense of PCT Article 33(3).

[11] 3. Industrial Applicability

[12] Claims 1-11 are industrially applicable and comply with PCT Article 33(4).