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## 発送書類目録

項番	国際出願番号	書類コード	書類名
1	PCT/JP2016/066321	SA210	国際調査報告
2	PCT/JP2016/066321	SA220	I S R または 不作成の決定の通知
3	PCT/JP2016/066321	SA237	I S A 見解書
4	PCT/JP2016/066321	SAJ03	先の調査等の結果の利用状況通知

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: TANAKA, Hiroyuki  Corecity-Oomori 201,15-15,Oomorikita 1-chome,Oota-ku,Tokyo,1430016 Japan
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## PCT

Notification regarding usage of prior search result etc.

(PCT Rule 16.1 and 41.1)

Applicant's or agent's file reference 8-PATENT	NOTIFICATION
International application No. PCT/JP2016/066321	International filing date <i>(day/month/year)</i> 26.05.2016
Applicant TANAKA, Hiroyuki	

Application number of prior international application or national application indicated on application form

- PCT/JP2015 / 065709
- JP Patent application No. 2016-003253 etc.
- JP Utility model application No. —

Usage

- 1.  Could utilize prior search result etc. to a respectable degree
- 2.  Did not apply to item 1 above

Name and mailing address of the ISA/JP  <b>Japan Patent Office</b> 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Authorized officer  Commissioner of the Patent Office Telephone No. +81-3-3581-1101 Ext. 3599	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 2px;">5M</td> <td style="width: 50%; padding: 2px;">2942</td> </tr> </table>	5M	2942
5M	2942			

# PATENT COOPERATION TREATY PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>8 - PATENT</b>	<b>FOR FURTHER ACTION</b>	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. PCT/JP2016/066321	International filing date(day/month/year) 26.05.2016	(Earliest) Priority Date (day/month/year) 26.05.2015
Applicant TANAKA, Hiroyuki		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out 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)).

b.  This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)).

c.  With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2.  **Certain claims were found unsearchable** (see Box No. II).

3.  **Unity of invention is lacking** (see Box No. III).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. 34B

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b.  none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP2016/066321

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl. G06F17/30 (2006.01) i, G06F17/22 (2006.01) i		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) Int.Cl. G06F17/30, G06F17/22, G06F12/00		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Published examined utility model applications of Japan 1922-1996 Published unexamined utility model applications of Japan 1971-2016 Registered utility model specifications of Japan 1996-2016 Published registered utility model applications of Japan 1994-2016		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) JSTPlus (JDreamIII)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-57152 A (FUJI XEROX CO., LTD.) 2000.02.25, entire text; all drawings (No Family)	1-20
A	JP 2002-123556 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 2002.04.26, entire text; all drawings (No Family)	1-20
A	JP 2000-348027 A (NEC CORP.) 2000.12.15, entire text; all drawings (No Family)	1-20
A	US 2010/0082937 A1 (SASAKI) 2010.04.15, entire text; all drawings & JP 2010-86151 A	1-20
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
Date of the actual completion of the international search 02.08.2016		Date of mailing of the international search report 09.08.2016
Name and mailing address of the ISA/JP <b>Japan Patent Office</b> 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan		Authorized officer <b>KODACHI, Yoshiaki</b> Telephone No. +81-3-3581-1101 Ext. 3599
		5M 2942

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2016/066321

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2012/0011429 A1 (KOSAKA et al.) 2012.01.26, entire text; all drawings & JP 2012-18576 A & CN 102314484 A	1-20
A	US 2014/0201611 A1 (KAUTTO-KOIVULA et al.) 2014.07.17, entire text; all drawings & US 8676921 B1 & WO 2002/029757 A2 & EP 1364352 A2 & CN 1516860 A	1-20
A	JP 2000-163432 A (OKI ELECTRIC IND. CO., LTD.) 2000.06.16, entire text; all drawings (No Family)	1-20

**Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)**

Herein disclosed is a data structure of an electronic file, wherein based on an electronic file including a setting region having an anchor (see FIG. 34(c)) and a hyperlink (see FIG. 34(c)) which have the same lower segment, setting regions including return are created sequentially in different electronic files by replacing a higher segment of the name of the anchor in a round robin manner (see FIG. 18), and the electronic files are combined, thereby enabling a jump among the setting regions thus combined (0.30). The data structure of an electronic file enables automatic generation of both anchors and hyperlinks at the same time.

# PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: TANAKA, Hiroyuki .  Corecity-Oomori 201, 15-15, Oomorikita 1-chome, Oota-ku, Tokyo, 1430016 Japan
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## PCT

NOTIFICATION OF TRANSMITTAL OF  
 THE INTERNATIONAL SEARCH REPORT AND  
 THE WRITTEN OPINION OF THE INTERNATIONAL  
 SEARCHING AUTHORITY, OR THE DECLARATION  
 (PCT Rule 44.1)

Applicant's or agent's file reference 8 - PATENT
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Date of mailing (day/month/year)	09.08.2016
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<b>FOR FURTHER ACTION</b> See paragraphs 1 and 4 below
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International application No.  PCT/JP2016/066321
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International filing date (day/month/year)	26.05.2016
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Applicant  TANAKA, Hiroyuki
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- The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.  
**Filing of amendments and statement under Article 19:**  
 The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):  
**When?** The time limit for filing such amendments is normally two months from the date of transmittal of the international search report.  
**How?** Directly to the International Bureau of WIPO preferably through ePCT or on paper to, 34 chemin des Colombettes 1211 Geneva 20, Switzerland, Facsimile No.: +41 22 338 82 70  
**For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 - 9.011.**
- The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.
- With regard to any protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:
  - the protest together with the decision thereon has been transmitted to the International Bureau together with any request to forward the texts of both the protest and the decision thereon to the designated Offices.
  - no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.
- 4. Reminders**  
 The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established.  
 Shortly after the expiration of **18 months from the priority date, the international application will be published** by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3).  
 Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see [www.wipo.int/pct/en/texts/time\\_limits.html](http://www.wipo.int/pct/en/texts/time_limits.html) and the *PCT Applicant's Guide, National Chapters*.  
 Within **19 months from the priority date, the applicant may request that a supplementary international search be carried out** by a different International Searching Authority that offers this service (Rule 45bis. 1). The procedure for requesting supplementary international search is described in the *PCT Applicant's Guide, International Phase*, paragraphs 8.006-8.032.

Name and mailing address of the ISA/JP  <b>Japan Patent Office</b> 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan
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Authorized officer  Commissioner of the Patent Office Telephone No. +81-3-3581-1101 Ext. 3599	5M 2942
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# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

To:  
TANAKA, Hiroyuki  
  
Corecity-Oomori  
201, 15-15, Oomorikita  
1-chome, Oota-ku, Tokyo, 1430016  
Japan

## PCT

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY  
(PCT Rule 43bis.1)

Date of mailing (day/month/year)	09.08.2016
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Applicant's or agent's file reference  
**8-PATENT**

**FOR FURTHER ACTION**  
See paragraph 2 below

International application No. PCT/JP2016/066321	International filing date (day/month/year) 26.05.2016	Priority date (day/month/year) 26.05.2015
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International Patent Classification (IPC) or both national classification and IPC  
Int.Cl. G06F17/30 (2006.01) i, G06F17/22 (2006.01) i

Applicant  
TANAKA, Hiroyuki

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.

Date of completion of this opinion	02.08.2016
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Name and mailing address of the ISA/JP  <b>Japan Patent Office</b> 3-4-3, Kasumigaseki, Chiyoda-ku, Tokyo 100-8915, Japan	Authorized officer  <b>KODACHI, Yoshiaki</b> Telephone No. +81-3-3581-1101 Ext. 3599
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5M	2942
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WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2016/066321

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(b)).
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:

**WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/JP2016/066321

**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

Novelty (N)	Claims	1-20	YES
	Claims	_____	NO
Inventive step (IS)	Claims	1-20	YES
	Claims	_____	NO
Industrial applicability (IA)	Claims	1-20	YES
	Claims	_____	NO

2. Citations and explanations:

- D1: JP 2000-57152 A (FUJI XEROX CO., LTD.) 2000.02.25,  
entire text; all drawings (No Family)
- D2: JP 2002-123556 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 2002.04.26,  
entire text; all drawings (No Family)
- D3: JP 2000-348027 A (NEC CORP.) 2000.12.15, entire text; all drawings  
(No Family)
- D4: US 2010/0082937 A1 (SASAKI) 2010.04.15, entire text; all drawings  
& JP 2010-86151 A
- D5: US 2012/0011429 A1 (KOSAKA et al.) 2012.01.26, entire text; all drawings  
& JP 2012-18576 A & CN 102314484 A
- D6: US 2014/0201611 A1 (KAUTTO-KOIVULA et al.) 2014.07.17,  
entire text; all drawings  
& US 8676921 B1 & WO 2002/029757 A2 & EP 1364352 A2 & CN 1516860 A
- D7: JP 2000-163432 A (OKI ELECTRIC IND. CO., LTD.) 2000.06.16,  
entire text; all drawings (No Family)

Claims 1 to 5

The subject matter of claims 1 to 5 is neither disclosed in any of the documents cited in the ISR nor obvious to a person skilled in the art. None of the above documents discloses the feature of "based on an electronic file including a setting region having an anchor and a hyperlink which have the same lower segment, setting regions including return are created sequentially in different electronic files by replacing a higher segment of the name of the anchor in a round robin manner, and the electronic files are combined, thereby enabling a jump among the setting regions thus combined" in the subject matter of claims 1 to 5.

(Continued in the Supplemental Box)

**Supplemental Box**

In case the space in any of the preceding boxes is not sufficient.

Continuation of: No. V

Claims 6 to 10

The subject matter of claims 6 to 10 is neither disclosed in any of the documents cited in the ISR nor obvious to a person skilled in the art.

None of the above documents discloses the feature of "to generate, for the purpose of enabling a plurality of electronic files each including a setting region having an anchor and a hyperlink which have the same lower segment to operate to allow a user to jump among the setting regions, setting regions including return sequentially in different electronic files by replacing a higher segment of the name of the anchor in a round robin manner" in the subject matter of claims 6 to 10.

Claims 11 to 17

The subject matter of claims 11 to 16 is neither disclosed in any of the documents cited in the ISR nor obvious to a person skilled in the art.

None of the above documents discloses the feature of "a name generation unit operative to generate an electronic file including a setting region having an anchor and a hyperlink which have the same lower segment in an electronic file; and a name changing unit operative to sequentially execute round robin proliferation of higher segment to the names of the anchors in the setting region, and generate a plurality of different electronic files including return" in the subject matter of claims 11 to 17.

Claims 18 to 20

The subject matter of claims 18 to 20 is neither disclosed in any of the documents cited in the ISR nor obvious to a person skilled in the art.

None of the above documents discloses the feature of "generating a setting region including an anchor and a hyperlink which have the same lower segment on one electronic file; and creating setting regions including return in different electronic files by replacing a higher segment of the name of the anchor in the setting region in a round robin manner" in the subject matter of claims 18 to 20.

## ATTENTIONS

### **The period for future procedures**

The time limit to file amendments to the claims with the International Bureau under Article 19 shall be two months from the date of transmittal of the international search report to the applicant by the International Searching Authority or 16 months from the priority date, whichever time limit expires later (Rule 46.1) .

For further detailed instructions such as the applicable time limit making a Demand or entering into the national phase under Article 22, see The PCT Applicant's Guide (<http://www.wipo.int/pct/en/appguide/index.jsp>)

### **The copy of documents**

An applicant can request the copy of the cited documents described in the international search report to the Japan Patent Office. The period for requesting the copy of the documents to the Japan Patent Office is set to 7 years from the international application date.

Due to the restriction of contracts, there may be a case in which a part or whole of non-patent literature described in the international search report is not sent.

An applicant can inspect and copy official gazettes and copy the documents except official gazettes in National Center for Industrial Property Information and Training (INPIT).

### **Contact details:**

Department of IP Information Services

National Center for Industrial Property Information and Training (INPIT)

3-4-3 Kasumigaseki Chiyoda-ku Tokyo 100-0013, JAPAN

[Official gazettes] Tel: +81-3-3581-1101 (Ext. 3811, 3812)

[Other documents] Tel: +81-3-3581-1101 (Ext. 3831, 3832)