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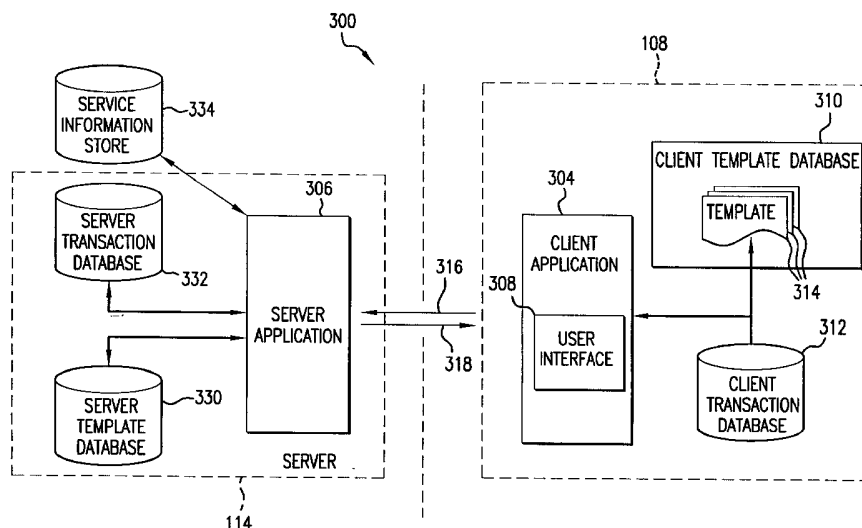
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM, METHOD AND APPARATUS FOR UTILIZING TRANSACTION DATABASES IN A CLIENT - SERVER ENVIRONMENT



(57) Abstract: A system, method and apparatus for utilizing transaction databases in a client-server environment. The transaction databases can be used to receive and retain multiple server responses to consecutive client requests regardless to the temporal relationship between the multiple responses and consecutive requests. One method of the invention relates to how a client device displays information. The method includes the steps of receiving a user request from the user via the user interface and retrieving a template from the client template database based on the user request. The method also includes the step of retrieving information from the client transaction database based on the template, wherein the information relates to the one or more data fields of the template. A page is then displayed based on the template and the information relating to the one or more data field.

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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 00/27393

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 G06F17/30

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)  
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)  
EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 035 324 A (FLOYD RICHARD ALLEN ET AL) 7 March 2000 (2000-03-07) column 7, lines 6-16 column 7, lines 32-46; figure 3 column 9, line 15 - column 10, line 16 claims 1-3,5; figures 4,5	1-6, 16-21,31
X	EP 0 843 269 A (IBM) 20 May 1998 (1998-05-20) page 2, lines 25-32 page 4, lines 23-26 page 7, line 50 - page 8, line 1 page 8, lines 26-58 page 13, line 39 - page 14, line 29  ----- -/--	1-6, 16-21,31

<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.	<input checked="" type="checkbox"/> Patent family members are listed in annex.
° Special categories of cited documents :	
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier document but published on or after the international filing date	"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
"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)	"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.
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	
Date of the actual completion of the international search  <b>14 October 2003</b>	Date of mailing of the international search report  <b>16. 02. 2004</b>
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  <b>Ruiz Sanchez, J</b>

# INTERNATIONAL SEARCH REPORT

Intl. Application No PCT/US 00/27393
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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 5 987 476 A (SHIMOKAWA TOSHIHIKO ET AL) 16 November 1999 (1999-11-16) column 2, lines 39-56; figure 1 column 8, lines 7-22 column 8, line 63 - column 9, line 33 -----	1,16,31

# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/US 00/27393

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-6, 16-21, 31

### Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No. PCT/US 00 27393

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6,16-21,31

Method, client apparatus and client-server system for receiving and retaining multiple server responses to consecutive client requests

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2. claims: 7-15,22-30

Method, client apparatus and server apparatus for allowing a user to interact with one or more information services using templates

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**INTERNATIONAL SEARCH REPORT**  
 information on patent family members

International Application No

PCT/US 00/27393

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