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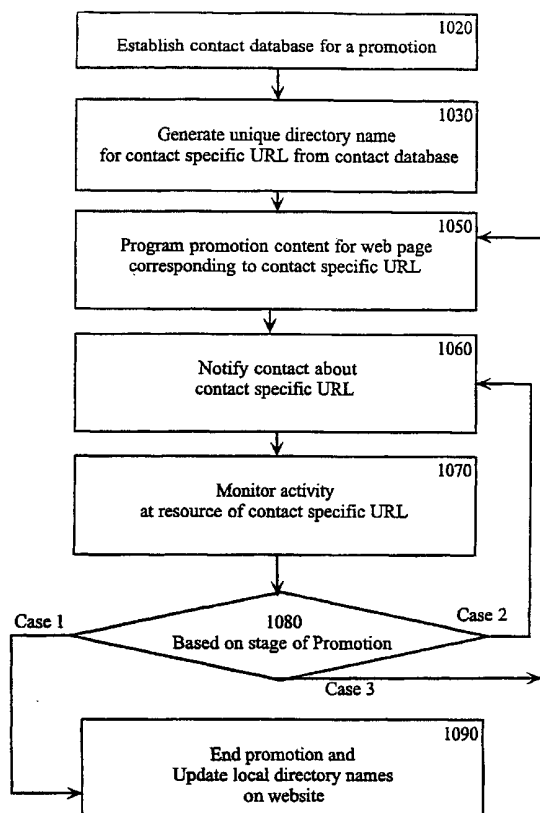
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[Continued on next page]

(54) Title: MASS GENERATION OF INDIVIDUAL VIRTUAL SERVERS, VIRTUAL WEB SITES AND VIRTUAL WEB OB-
JECTS



(57) Abstract: Techniques for inducing a contact to invoke a resource prepared by a promoter when the resource resides on a network, includes generating a resource location description for the resource (1030). The resource location description includes a name of the contact. The promoter provides access to the resource at a location on the network according to the resource location description. The promoter also prepares a message to notify the contact about the resource location description (1060). Thus a promoter (e.g., wholesaler, retailer, advocate, charity or politician) can provide a web site for each contact (e.g., customer, potential customer, viewer, supporter or voter) whom the promoter has identified. Each web site can have a domain name that prominently displays the contact's identity. The psychological benefit to the contact of finding a web site devoted to the contact and with the contact's own identity as part of the domain name conditions the contact favorably and increases the chances that the result sought by the promoter will be achieved.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US00/04804

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :G06F 15/16, 7/00, 17/30, 17/60

US CL :709/245, 217; 705/14; 707/10

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)

U.S. : 709/203, 217, 219, 227, 229, 245; 705/14, 26, 27; 707/10, 104, 513, 530, 539, 540

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Internet searchElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Extra Sheet.**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,752,022 A (CHIU et al.) 12 MAY 1998 ABSTRACT, Column 2, Line 62 through Column 3, Line 32, Column 3, Line 40 through Column 5, Line 4	1-33, 42-43, 45-53, 62-63
Y, P	US 6,009,410 A (LEMOLE et al.) 28 DECEMBER 1999 ABSTRACT, Column 1, Line 55 through Column 2, Line 56, Column 3, Lines 28-65, Column 6, Lines 20-45	1-33, 42-43, 45-53, 62-63
Y, P	US 6,029,141 A (BEZOS et al.) 22 FEBRUARY 2000 ABSTRACT, Column 1, Line 48 through Column 2, Line 38, Column 3, Lines 8-42, Column 7, Line 6 through Column 8, Line 48, Column 9, Line 40 through Column 14, Line 11, Column 14, Line 62 through Column 15, Line 16	1-33, 42-43, 45-53, 62-63

☒ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:	*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
A document defining the general state of the art which is not considered to be of particular relevance	*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
E earlier document published on or after the international filing date	*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
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)	*Z* document member of the same patent family
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	

Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

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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.
Y, P	US 6,085,242 A (CHANDRA) 04 JULY 2000 ABSTRACT, Column 1, Lines 34-41, Column 4, Line 13 through Column 6, Line 65	1-33, 42-43, 45- 53, 62-63
A	US 5,740,430 A (ROSENBERG et al.) 14 APRIL 1998 Entire document	1-33, 42-43, 45- 53, 62-63
A	US 5,793,972 A (SHANE) 11 AUGUST 1998 Entire document	1-33, 42-43, 45- 53, 62-63
A	US 5,822,737 A (OGRAM) 13 OCTOBER 1998 Entire document	1-33, 42-43, 45- 53, 62-63
A, P	US 5,999,914 A (BLINN et al.) 07 DECEMBER 1999 Entire document	1-33, 42-43, 45- 53, 62-63
A, P	US 6,070,142 A (MCDONOUGH et al.) 30 MAY 2000 Entire document	1-33, 42-43, 45- 53, 62-63

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US00/04804

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

This international 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:

Please See Extra 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.:
1-33, 42-43, 45-53, and 62-63

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/US00/04804

B. FIELDS SEARCHED

Electronic data bases consulted (Name of data base and where practicable terms used):

EAST U.S. patent text search

Terms: customizing URLs, dynamic web page generation, logging user activity with web pages, data addressing, database access, electronic promotion distribution

BOX II. OBSERVATIONS WHERE UNITY OF INVENTION WAS LACKING

This ISA found multiple inventions as follows:

This application contains the following inventions or groups of inventions which are not so linked as to form a single inventive concept under PCT Rule 13.1. In order for all inventions to be searched, the appropriate additional search fees must be paid.

Group I, claim(s) 1-33, 42-43, 45-53, and 62-63, drawn to inducing retrieval of information over a network.

Group II, claim(s) 38-41, and 58-61, drawn to creating viewable content of remotely located data.

Group III, claim(s) 34-37, 44, 54-57, 64-71, drawn to generation and grouping of virtual proxy server.

The inventions listed as Groups I, II, and III do not relate to a single inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: The invention groups are drawn towards divergent, distinctly different inventions. Functionality for inducing and processing information retrieval over a network, creating viewable content for presentation from data located on a network, and virtual proxy server generation and establishment of virtual server groups, do not share a common inventive concept.