



US006216121B1

(12) **United States Patent**
Klassen

(10) **Patent No.:** **US 6,216,121 B1**
(45) **Date of Patent:** **Apr. 10, 2001**

(54) **WEB PAGE GENERATION WITH SUBTEMPLATES DISPLAYING INFORMATION FROM AN ELECTRONIC POST OFFICE SYSTEM**

6,057,841 * 5/2000 Thurlow et al. 345/347
6,067,568 * 5/2000 Li et al. 709/223

* cited by examiner

(75) Inventor: **Christopher Laith Klassen**, San Jose, CA (US)

Primary Examiner—Hosain T. Alam
Assistant Examiner—Ella Colbert

(73) Assignee: **International Business Machines Corporation**, Armonk, NY (US)

(74) *Attorney, Agent, or Firm*—Kudirka & Jobse, LLP

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(57) **ABSTRACT**

Disclosed is a system for generating units of information from a database maintained in a server. The units of information may be messages and the database may be a post office system. The server receives a request for units of information transmitted from a client computer over a network. The server then processes the request for information and generates a template. This template includes code in a first computer language that does not allow branching, such as the HyperText Markup Language (HTML), database access commands to access the requested units of information in the database, and a subtemplate command to generate contents of a subtemplate file into the template. The subtemplate command is written in a second computer language providing branching, such as C++, Java, Perl, etc. The subtemplate file called by the subtemplate command includes code in the first computer language. The server processes the template to generate a processed template. In processing the template, the server processes the subtemplate commands in the template and generates the contents of the subtemplate file into the template. The server further processes the contents of the subtemplate file generated into the template. The server also processes database access commands in the template to access the requested units of information from the database and inserts the accessed units of information into the template. After processing the template, the server transmits the processed template to the client computer.

(21) Appl. No.: **08/999,026**

(22) Filed: **Dec. 29, 1997**

(51) **Int. Cl.**⁷ **G06F 17/30**

(52) **U.S. Cl.** **707/1; 707/10; 707/501; 709/206; 709/218; 345/356**

(58) **Field of Search** **707/513, 501, 707/1, 10; 709/206, 218, 204, 203; 705/26; 345/356**

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,727,175	*	3/1998	Malone et al.	345/356
5,768,510	*	6/1998	Gish	709/203
5,790,793	*	8/1998	Higley	709/218
5,835,712	*	11/1998	DuFresne	395/200.33
5,850,519	*	12/1998	Vazana	709/206
5,897,622	*	4/1999	Blinn et al.	705/26
5,903,901	*	5/1999	Kawakura	707/501
5,918,225	*	6/1999	White et al.	707/3
5,937,160	*	8/1999	Davis et al.	707/10
5,951,636	*	9/1999	Zerber	709/202
5,987,480	*	4/1999	Donohue et al.	707/501
5,987,504	*	11/1999	Toga	709/206

18 Claims, 9 Drawing Sheets

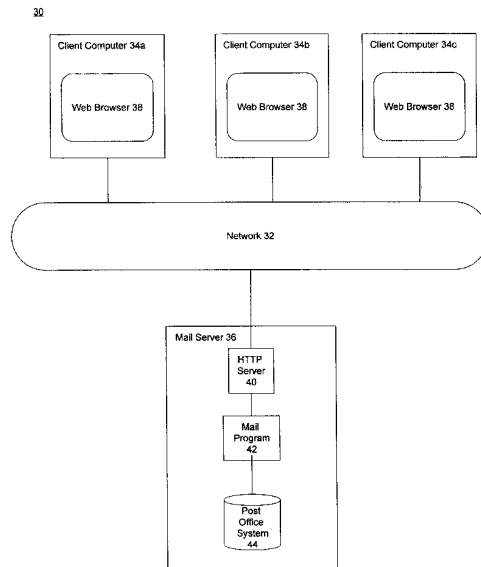


FIG. 1

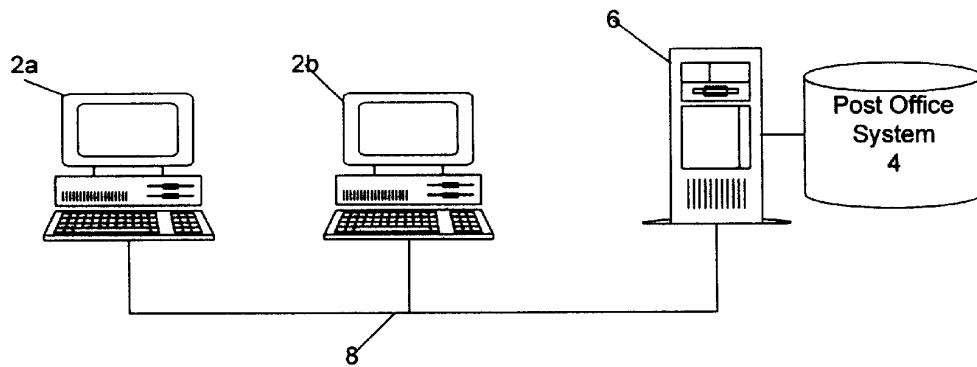


FIG. 2

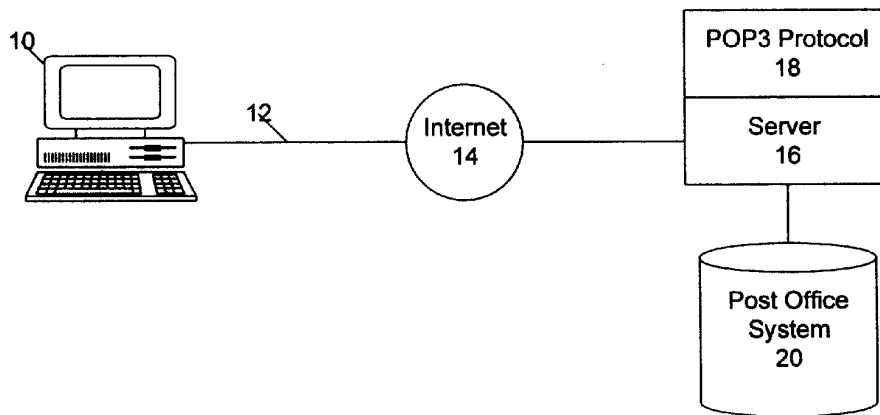


FIG. 3

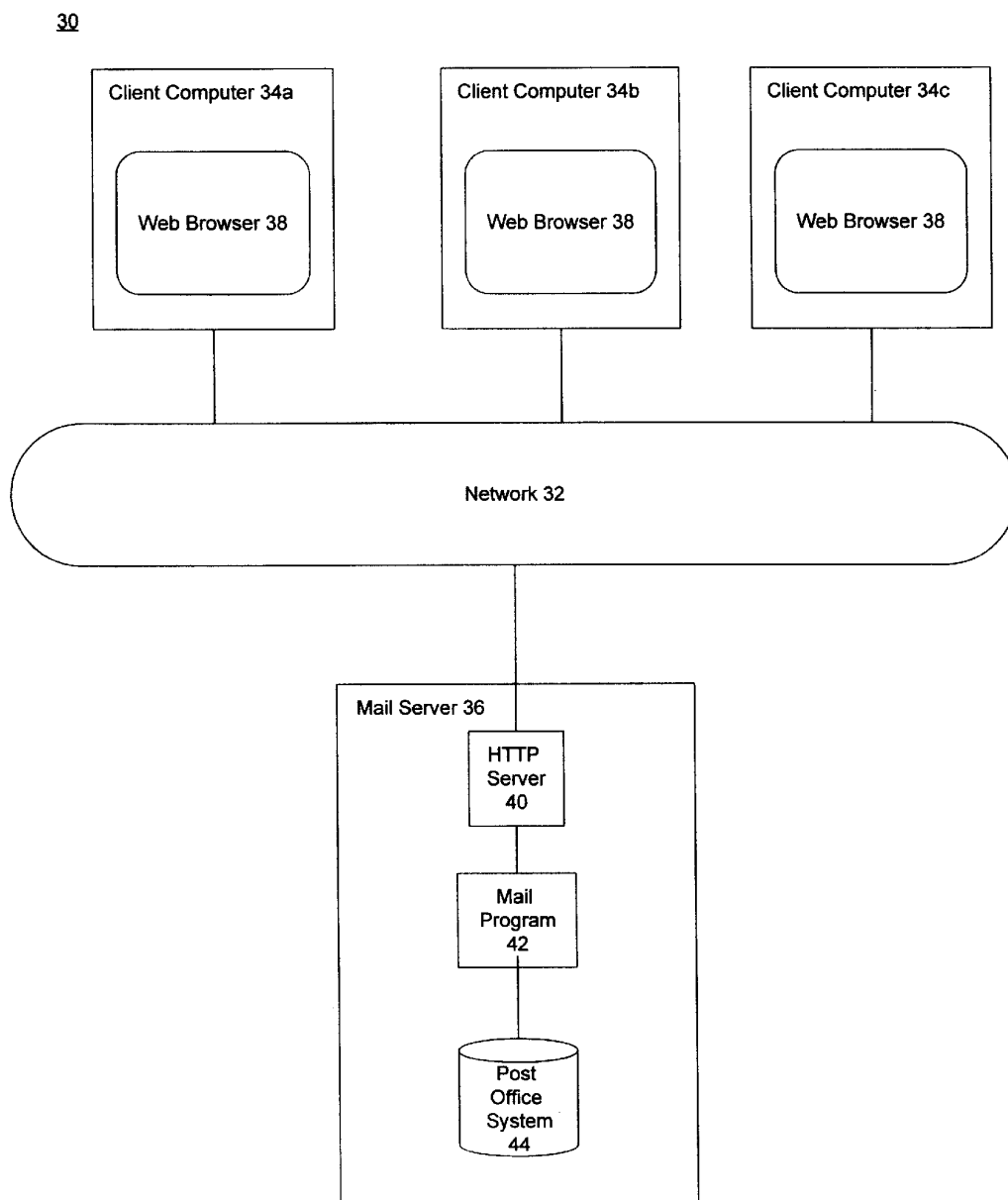
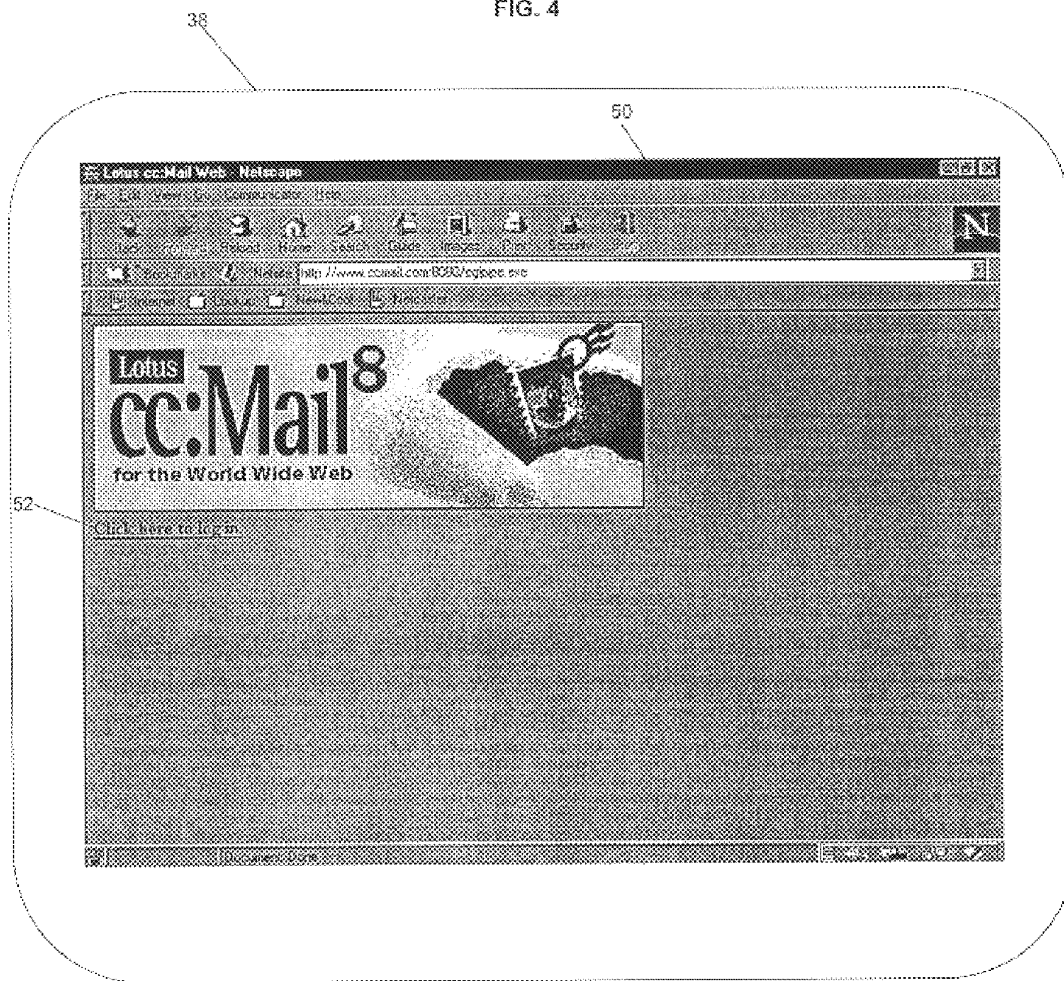
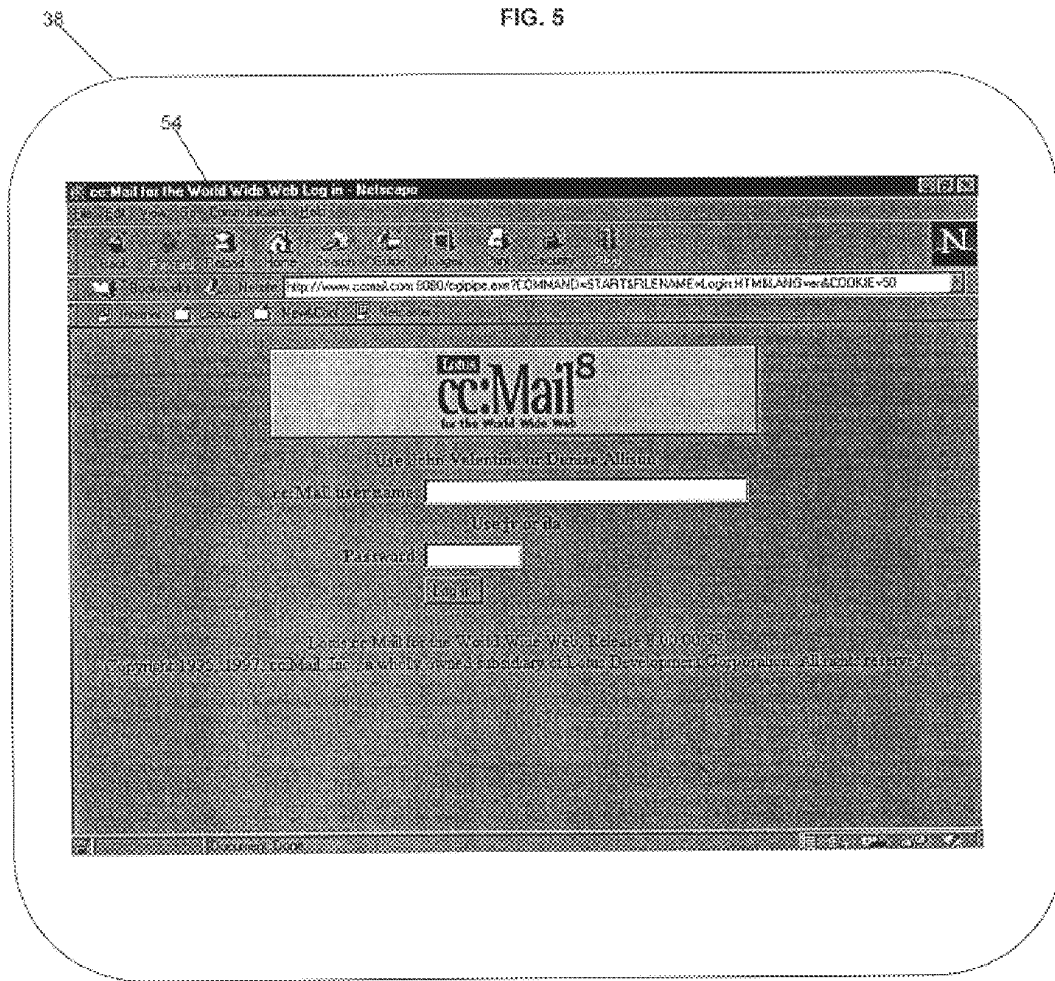


FIG. 4





Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.