



United States Patent [19]

Hughes et al.

[11] **Patent Number:** **5,892,908**

[45] **Date of Patent:** **Apr. 6, 1999**

[54] **METHOD OF EXTRACTING NETWORK INFORMATION**

[75] Inventors: **Jeffrey Alan Hughes; Lai-chong May Chan; Richard Stephen Elliott**, all of Colorado Springs; **Robert William Pinna**, Manitou Springs, all of Colo.

[73] Assignee: **MarketScape**

[21] Appl. No.: **711,045**

[22] Filed: **Sep. 10, 1996**

[51] **Int. Cl.⁶** **G06F 3/00; H04L 12/00**

[52] **U.S. Cl.** **395/200.8; 395/200.53; 395/200.54; 395/200.55; 395/700**

[58] **Field of Search** **395/200.39, 600, 395/200.53, 200.15, 619, 161, 200.8, 200.54, 200.55, 200.79, 700**

[56] **References Cited**

U.S. PATENT DOCUMENTS

5,274,803 12/1993 Dublin et al. 395/600

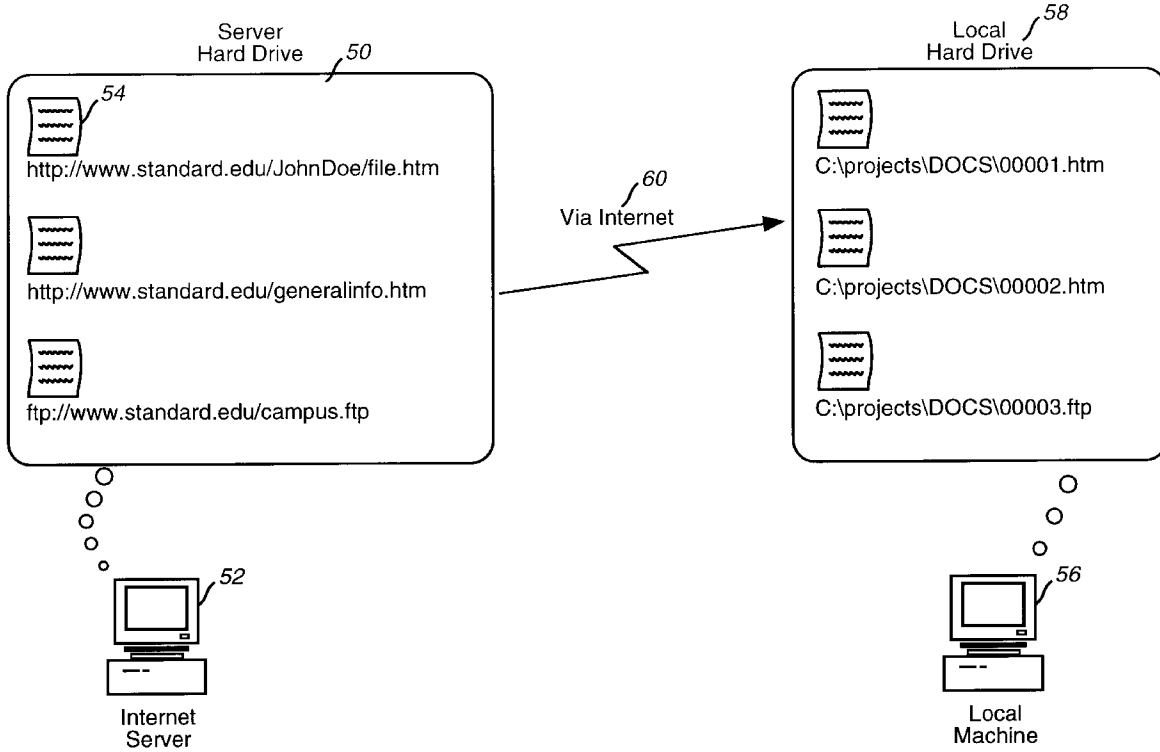
5,295,244	3/1994	Dev et al.	395/161
5,544,314	8/1996	Fuchsrieter et al.	395/200
5,606,669	2/1997	Bertin et al.	395/200.15
5,721,919	2/1998	Morel et al.	395/619

Primary Examiner—Ellis A. Ramirez
Assistant Examiner—Ivan C. Pierce, IV
Attorney, Agent, or Firm—Dale B. Halling

[57] **ABSTRACT**

A method of extracting network information first receives an initial link address (102) and retrieves a file (104) associated with the initial link address. The file is then parsed (106) to find a hyper text link. Next it is determined (108) if the hyper text link has a link address that contains the network address as a root. When the link address contains the initial link address as the root, a link file associated with the link address is retrieved (110).

20 Claims, 10 Drawing Sheets



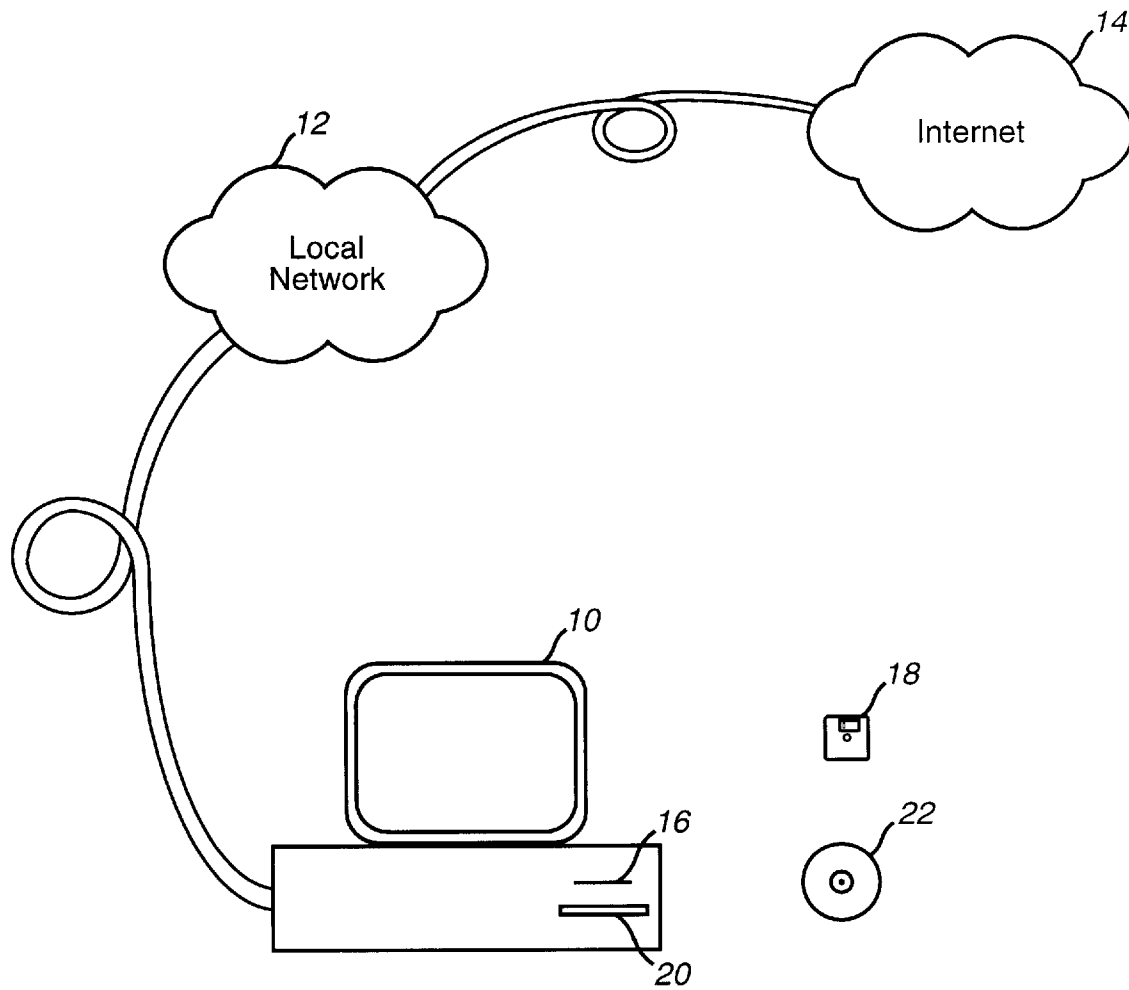


FIG. 1

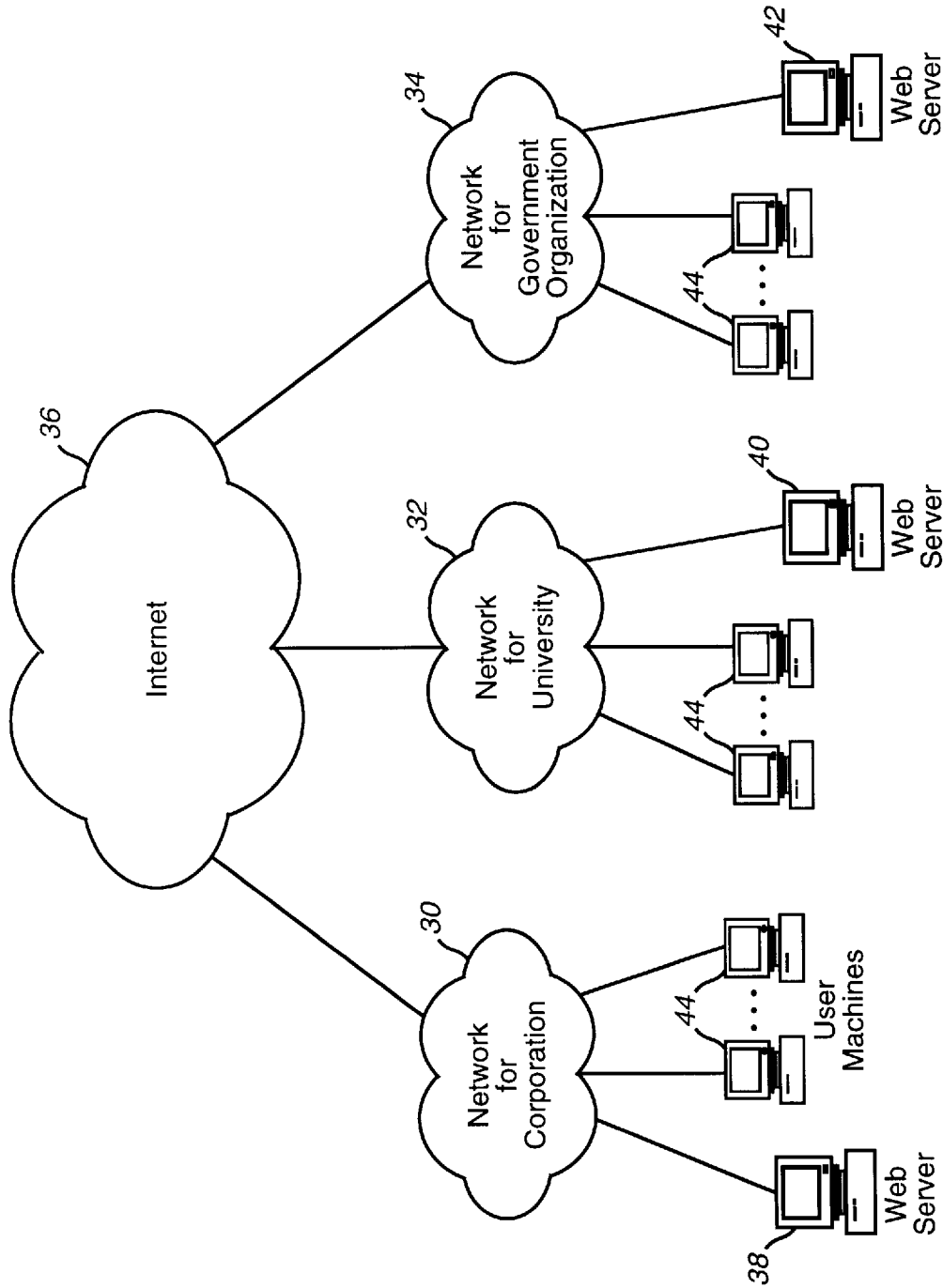


FIG. 2

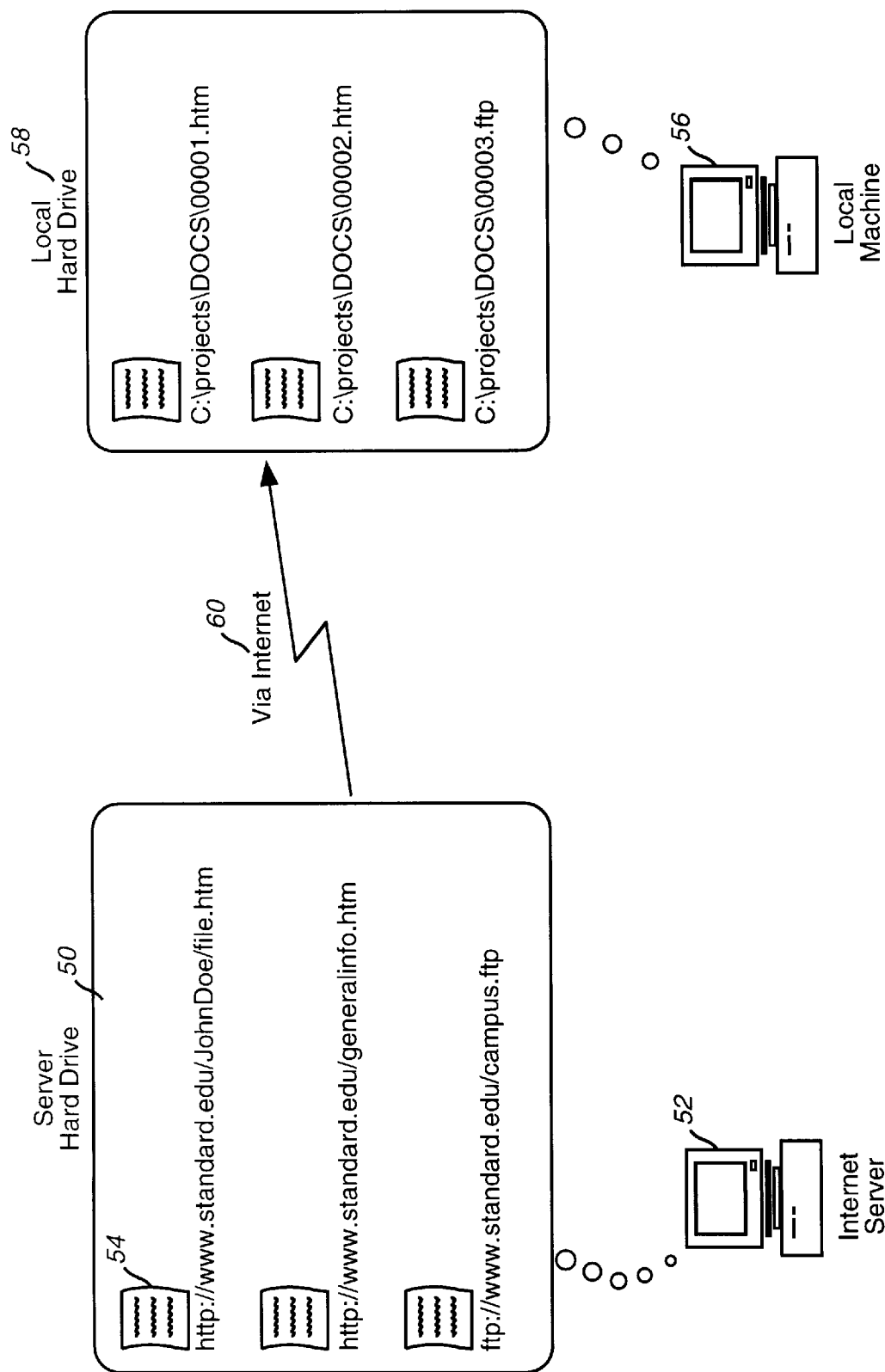
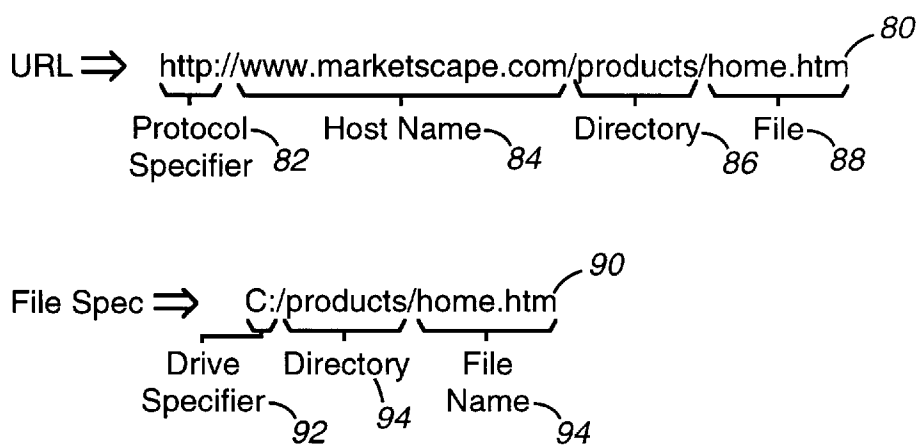


FIG. 3



URL Format Examples

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.