



US006108704A

United States Patent [19]

[11] Patent Number: 6,108,704

Hutton et al.

[45] Date of Patent: Aug. 22, 2000

[54] POINT-TO-POINT INTERNET PROTOCOL

OTHER PUBLICATIONS

[75] Inventors: Glenn W. Hutton, Miami; Shane D. Mattaway, Boca Raton; Craig B. Strickland, Tamarac, all of Fla.

December & Randall, "The World Wide Web Unleashed," Samw Publishing, Indianapolis, IN, Dec. 1994, pp. 3-24.

[73] Assignee: NetSpeak Corporation, Boca Raton, Fla.

Heylighen, "WorldWideWeb: a distributed hypermedia paradigm for global networking," IEEE/INSPEC Database Updates and Additionss (1960-19950 Doc.# 134618: Proceedings SHARE Spring Conference, pp. 355-368, Apr. 1994.

[21] Appl. No.: 08/533,115

Internetworking with TCP/IP, vol. 1, Second Edition, Principles, Protocols, and Architecture, by Douglas E. Comer; 1991; table of contents, pp. 1-3, 17-19, 311-333.

[22] Filed: Sep. 25, 1995

[51] Int. Cl.⁷ G06F 13/38; G06F 15/17

(List continued on next page.)

[52] U.S. Cl. 709/227; 709/204

Primary Examiner—Mark H. Rinehart
Attorney, Agent, or Firm—Kudirka & Jobse, LLP

[58] Field of Search 395/200.01, 200.02, 395/200.09, 200.11, 200.15, 200.34, 200.35, 200.47, 200.48, 200.57, 200.58, 200.75; 709/204, 205, 217, 218, 227, 228, 235

[57] ABSTRACT

[56] References Cited

U.S. PATENT DOCUMENTS

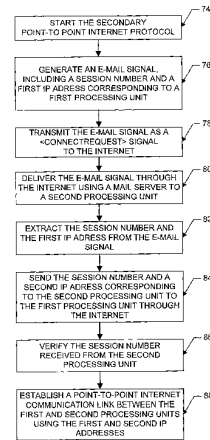
5,095,480	3/1992	Fenner .
5,150,360	9/1992	Perlman et al. .
5,166,931	11/1992	Riddle .
5,204,669	4/1993	Dorfe et al. .
5,224,095	6/1993	Woest et al. .
5,291,554	3/1994	Morales .
5,309,433	5/1994	Cidon et al. .
5,309,437	5/1994	Perlman et al. .
5,321,813	6/1994	McMillen et al. .
5,357,571	10/1994	Banwart .
5,400,335	3/1995	Yamada .
5,425,028	6/1995	Britton et al. .
5,430,709	7/1995	Galloway .
5,430,727	7/1995	Callon .

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

A2 0445402	11/1991	European Pat. Off. .
A2 0556012	8/1993	European Pat. Off. .
WO 9219054	10/1992	WIPO .

44 Claims, 6 Drawing Sheets



U.S. PATENT DOCUMENTS

5,434,797 7/1995 Barris .
5,442,633 8/1995 Perkins et al. .
5,452,296 9/1995 Shimizu .
5,455,854 10/1995 Dilts et al. .
5,457,683 10/1995 Robins .
5,463,625 10/1995 Yasrebi .
5,469,500 11/1995 Satter et al. .
5,479,411 12/1995 Klein .
5,517,494 5/1996 Green .
5,524,110 6/1996 Danneels et al. .
5,524,254 6/1996 Morgan et al. 395/500
5,526,489 6/1996 Nilakantan et al. .
5,533,110 7/1996 Pinard et al. .
5,544,303 8/1996 Mraoteaux et al. .

5,546,582 8/1996 Brockmeyer et al. .
5,581,552 12/1996 Civanlar et al. 370/396
5,608,786 3/1997 Gordon .
5,740,231 4/1998 Cohn et al. .

OTHER PUBLICATIONS

VocalTec Internet Phone (TM) Version 2.5, www.cox.sm-u.edu/class/mis6386/people/stort/phone25.exe.
Weinberg, Netscape Conference and Cooltalk Meeting Room, www.q5.com.
Gull, Re: Getting IP address of PPP-connected Mac, <jgull-030495100535001@pm012-11.dialip.mich.net>.
Gull, Re: Internet Phone for Mac?, >jgull-1704950116450001@pm049-28.dialip.mich.net>.

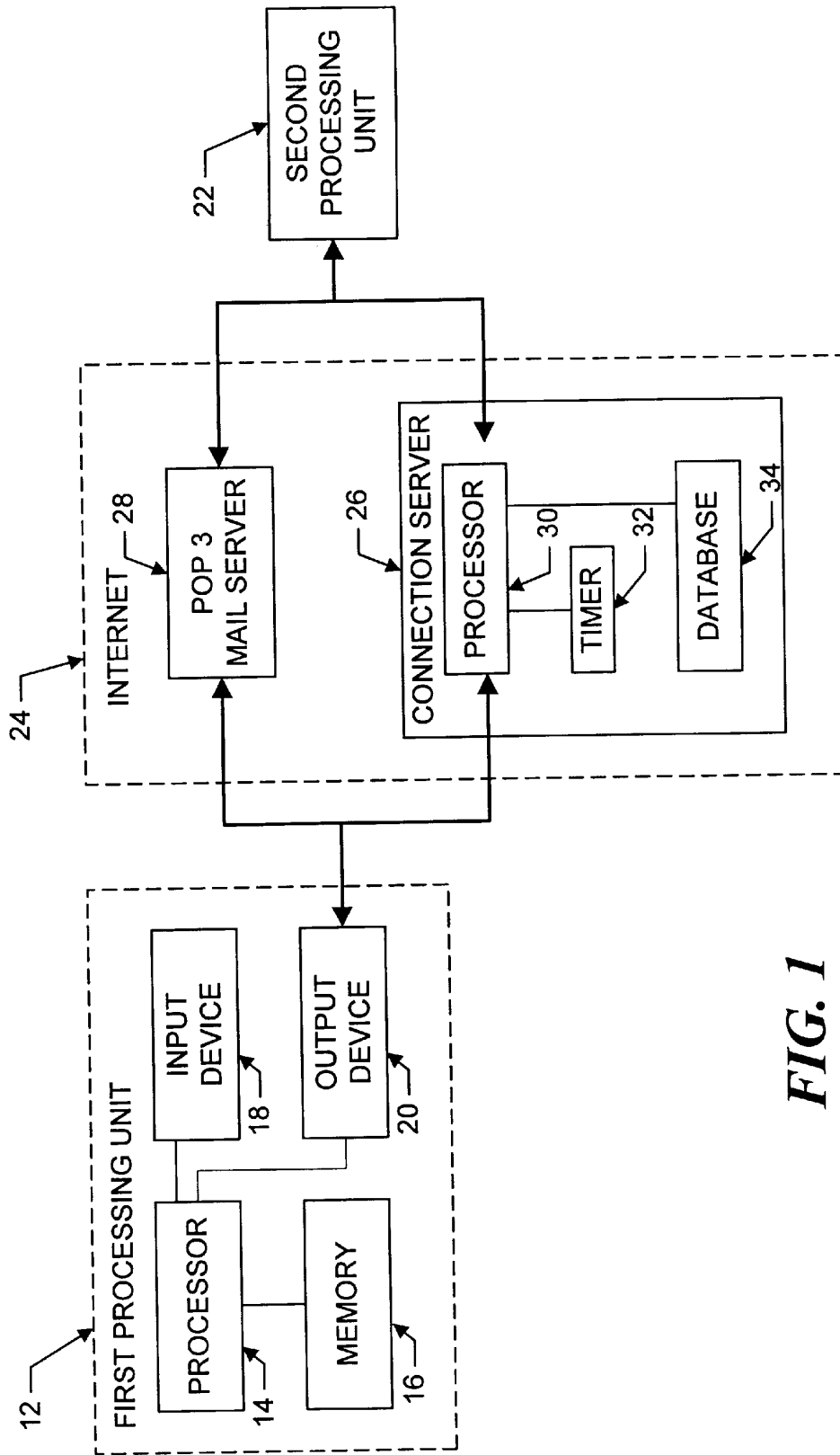


FIG. 1

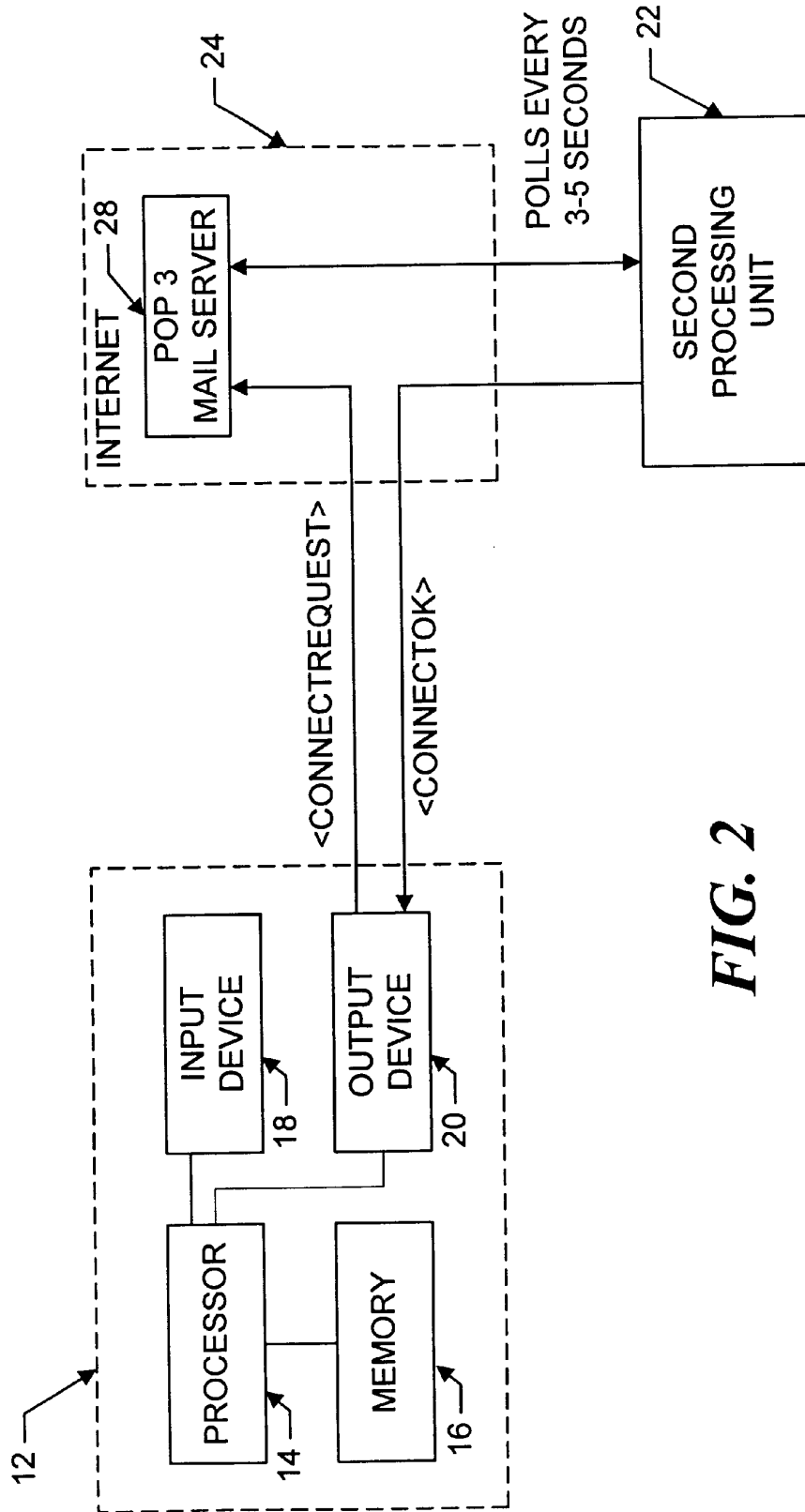


FIG. 2

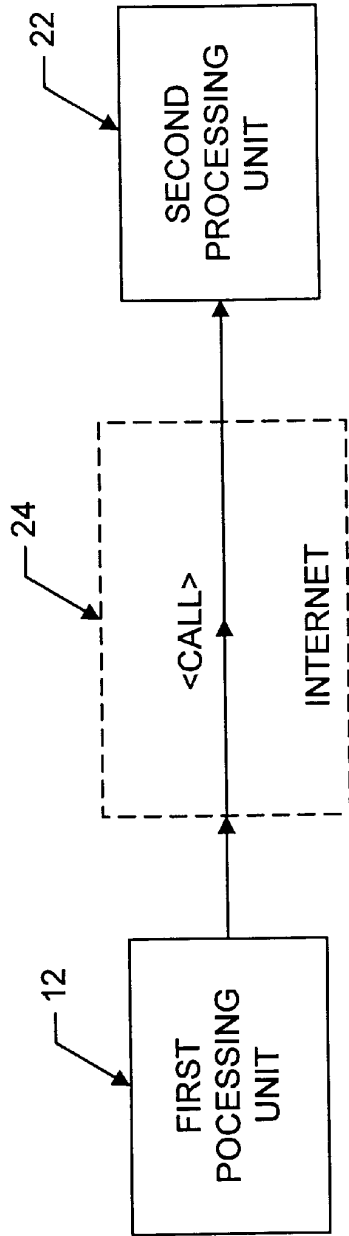


FIG. 3

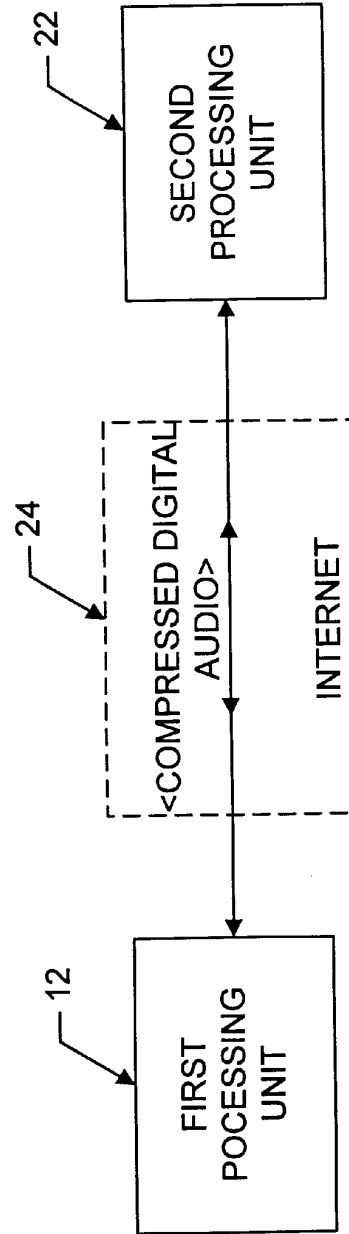


FIG. 4

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.