



US005341477A

United States Patent [19]

[11] Patent Number: **5,341,477**

Pitkin et al.

[45] Date of Patent: **Aug. 23, 1994**

- [54] **BROKER FOR COMPUTER NETWORK SERVER SELECTION**
- [75] Inventors: **Richard P. Pitkin, Lowell; John P. Morency, Chelmsford, both of Mass.**
- [73] Assignee: **Digital Equipment Corporation, Maynard, Mass.**
- [21] Appl. No.: **103,722**
- [22] Filed: **Aug. 6, 1993**

4,858,120	8/1989	Samuelson	364/401
4,897,781	1/1990	Chang et al.	364/200
4,914,571	4/1990	Baratz et al.	364/DIG. 1
4,949,248	8/1990	Caro	364/200
5,005,122	4/1991	Griffin et al.	364/200

Primary Examiner—Eddie P. Chan
Attorney, Agent, or Firm—Kenyon & Kenyon

[57] ABSTRACT

In a computer network, a broker mechanism allocates a plurality of servers, each having an available resource capacity, to a plurality of clients for delivering one of several services to the clients. The broker operates by monitoring a subset of all available servers capable of delivering the requested service. The allocation is based on developing a network policy for the plurality of servers by collecting a local policy for each of the servers. The broker receives client requests for the services and based on the network policy and available resource capacity suggests one of the servers, monitors its subset for that particular service, to one of the clients making a request. The server suggested enforces its local policy by not allowing any connections exceeding its available resource capacity.

Related U.S. Application Data

- [63] Continuation of Ser. No. 924,390, Aug. 3, 1992, abandoned, which is a continuation of Ser. No. 314,853, Feb. 24, 1989, abandoned.
- [51] Int. Cl.⁵ **G06F 13/00; G06F 15/16**
- [52] U.S. Cl. **395/200; 395/325; 364/DIG. 1; 364/281.6; 364/284.4; 364/264; 364/940.61**
- [58] Field of Search **395/200, 325, 725**

References Cited

U.S. PATENT DOCUMENTS

4,757,267	7/1988	Riskin	379/113
4,780,821	10/1988	Crossley	364/200
4,800,488	1/1989	Agrawal et al.	364/200

24 Claims, 10 Drawing Sheets

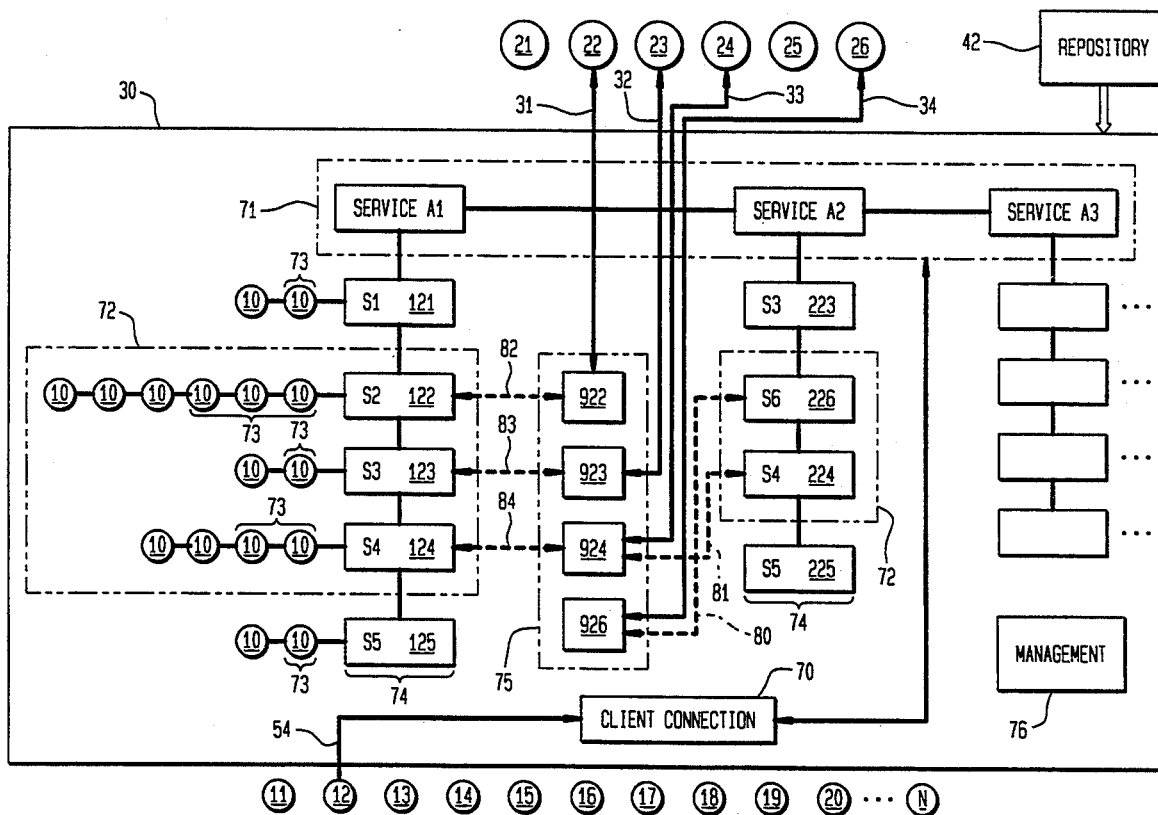


FIG. 1

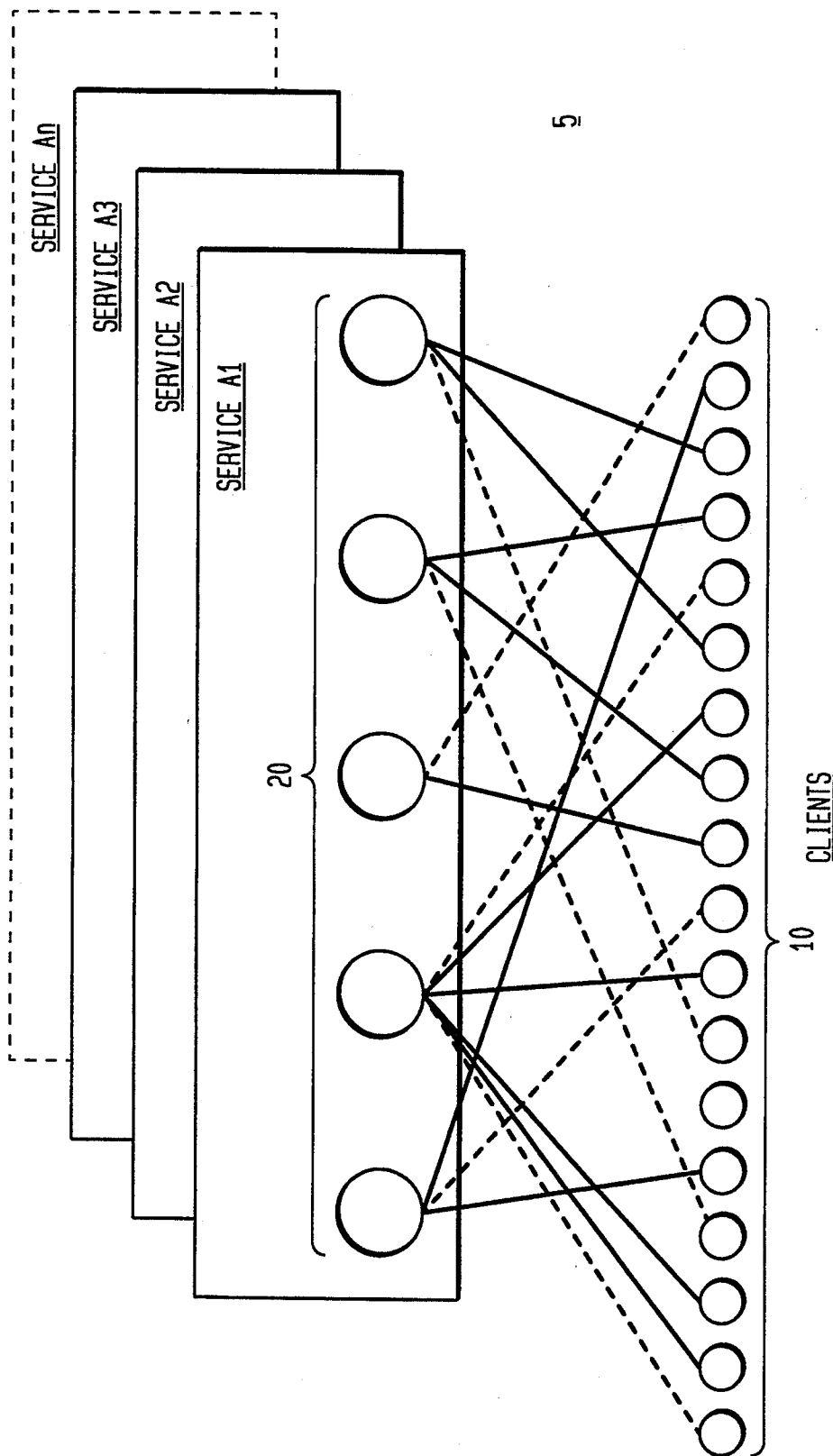


FIG. 2

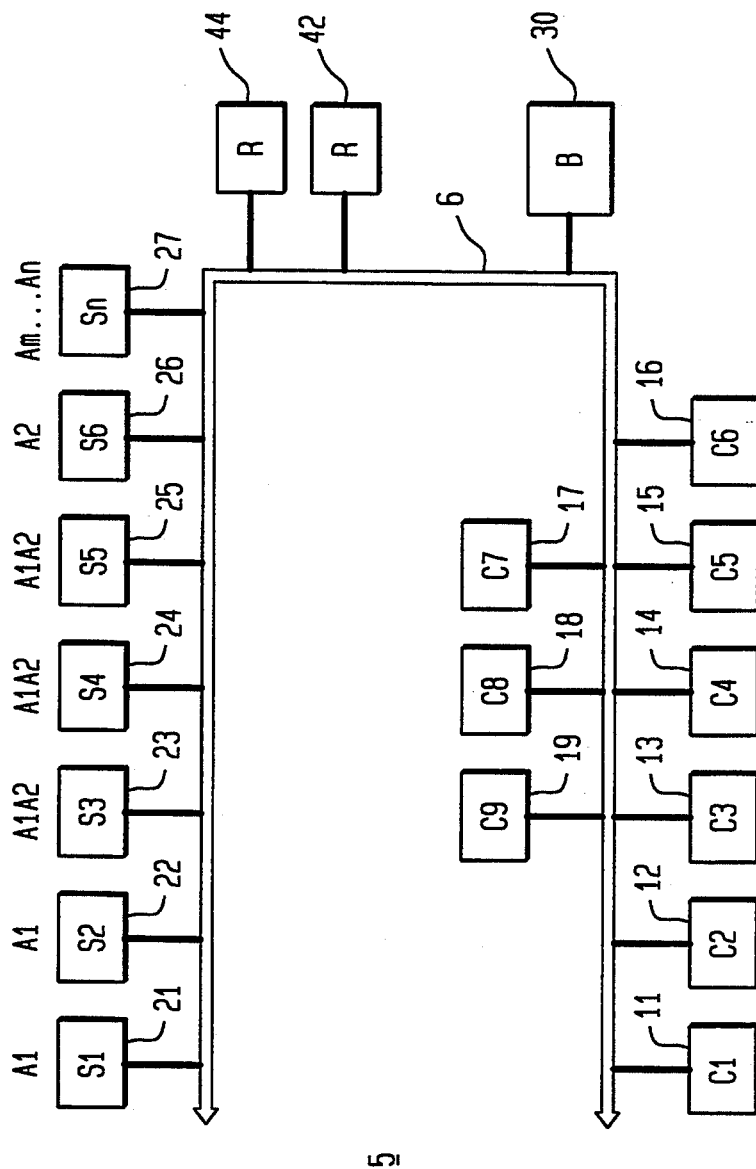


FIG. 2A

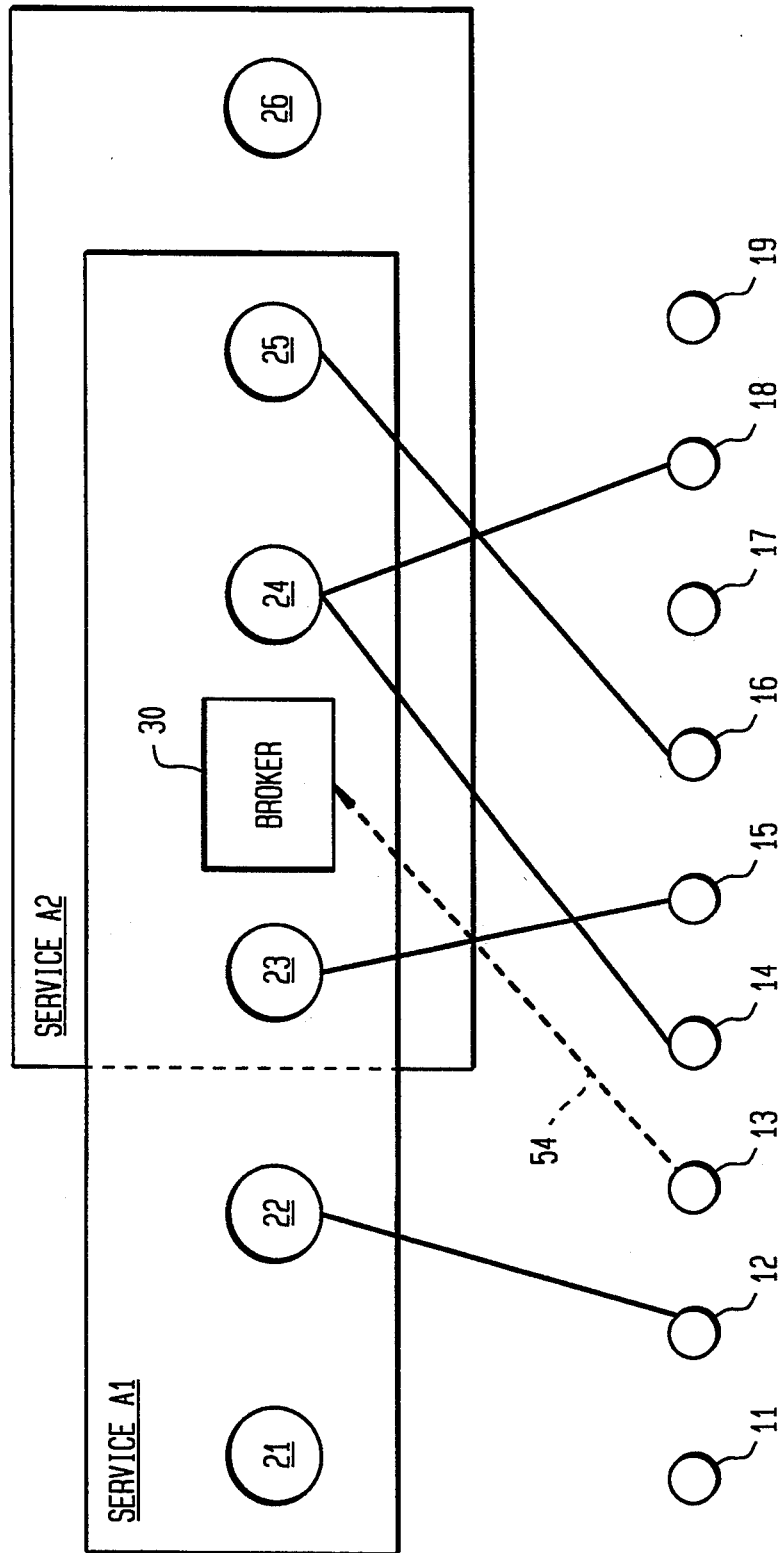
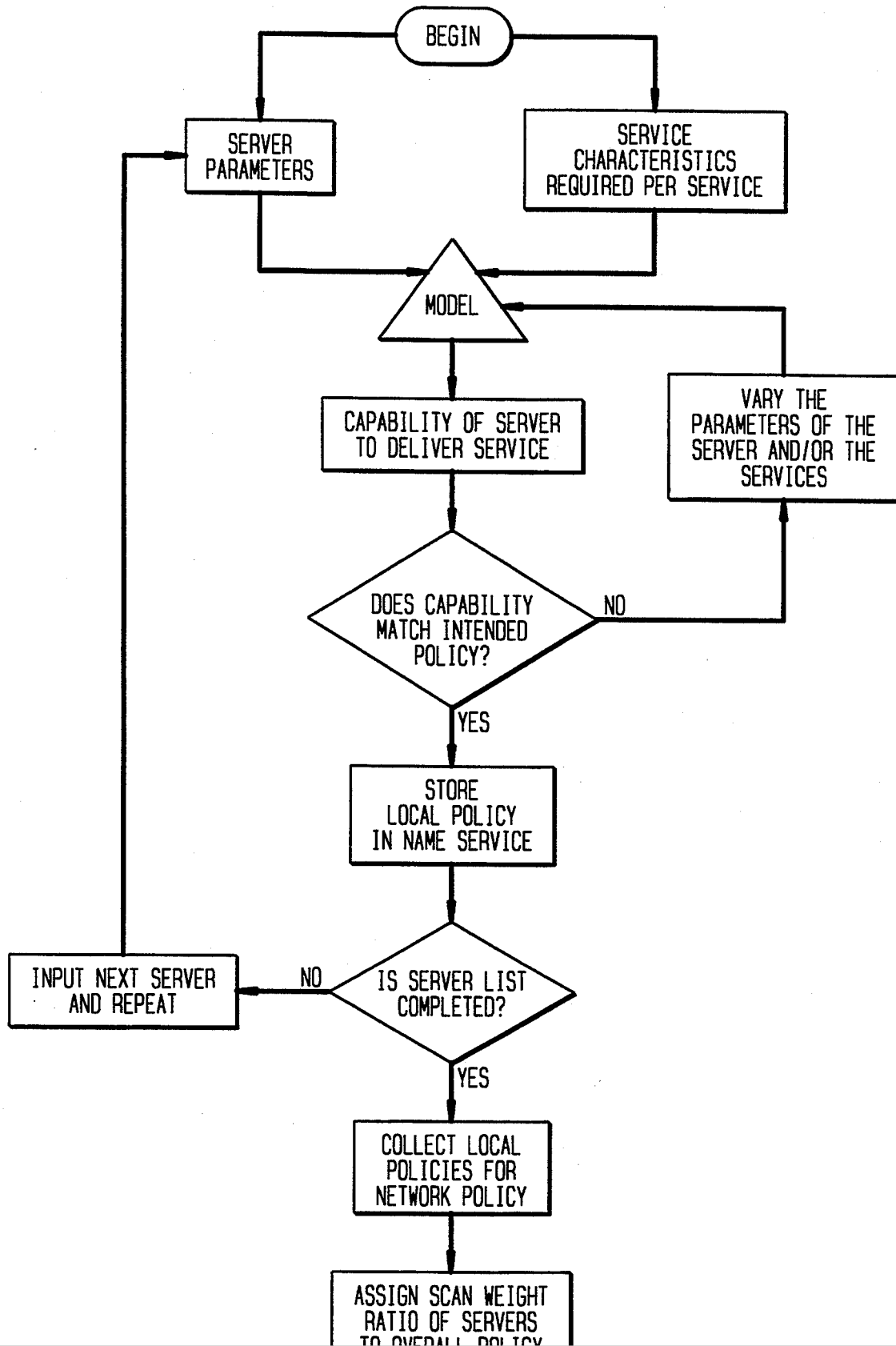


FIG. 3



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.