



US005260986A

United States Patent [19]

[11] Patent Number: **5,260,986**

Pershan

[45] Date of Patent: **Nov. 9, 1993**

[54] GROUP NOTIFICATION SERVICE AND SYSTEM

[75] Inventor: **Barry Pershan, Olney**
[73] Assignee: **Bell Atlantic Network Services, Inc., Arlington, Va.**

[21] Appl. No.: **689,433**

[22] Filed: **Apr. 23, 1991**

[51] Int. Cl.⁵ **H04M 11/00; H04M 3/38; H04M 3/50**

[52] U.S. Cl. **379/57; 379/67; 379/88; 379/89**

[58] Field of Search **379/58, 57, 67, 88, 379/89, 91, 144; 340/825.5, 825.51**

[56] References Cited

U.S. PATENT DOCUMENTS

3,761,632	9/1973	Colman	
4,371,751	2/1983	Hillgoss, Jr.	
4,371,752	2/1983	Matthews et al.	
4,446,336	5/1984	Bethel et al.	
4,581,486	4/1986	Matthews et al.	
4,602,129	7/1986	Mathews et al.	379/88
4,625,081	11/1986	Lotito et al.	
4,761,807	8/1988	Matthews et al.	
4,833,701	5/1989	Comroe et al.	455/33.2
4,860,341	8/1989	D'Avello et al.	379/91
4,899,358	2/1990	Blakley	379/88
4,926,460	5/1990	Gutman et al.	379/57
4,961,216	10/1990	Baehr et al.	379/67
4,965,821	10/1990	Bishop et al.	379/60
5,058,151	10/1991	Tanaka et al.	379/67 X

OTHER PUBLICATIONS

Community Alert Network Publication entitled "A

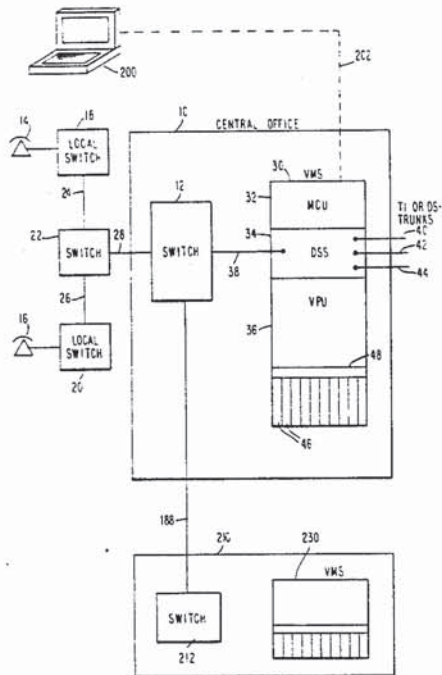
15 Claims, 5 Drawing Sheets

Teams Concept -Timely Meregency Alerting Means Safety".

Primary Examiner—Curtis Kuntz
Assistant Examiner—George J. Oehling
Attorney, Agent, or Firm—Lowe, Price, LeBlanc & Becker

[57] ABSTRACT

Disclosed is a method of utilizing a public switched telecommunications network which includes a voice messaging system (VMS) to provide a reliable and flexible notification service to deliver to designated persons a message which may be prestored or created at the time of initiating the notification. The list of persons to be notified is pre-established and permits multiple telephone numbers to be used to locate a single person or an alternate person. Pagers may be simultaneously or sequentially called requesting that the desired person call in for their message. The list of persons to be notified may be changed by the system coordinator from any DTMF telephone and the telephone numbers or pager numbers assigned to persons to be notified may be changed by such persons from any DTMF telephone. Alternatively the list may be created or changed by the coordinator using a personal computer or ASCII data type device. The system automatically reports the results of a notification session to the coordinator and automatic billing is provided. The service includes establishment of redundant data bases in different geographic locales for added reliability.



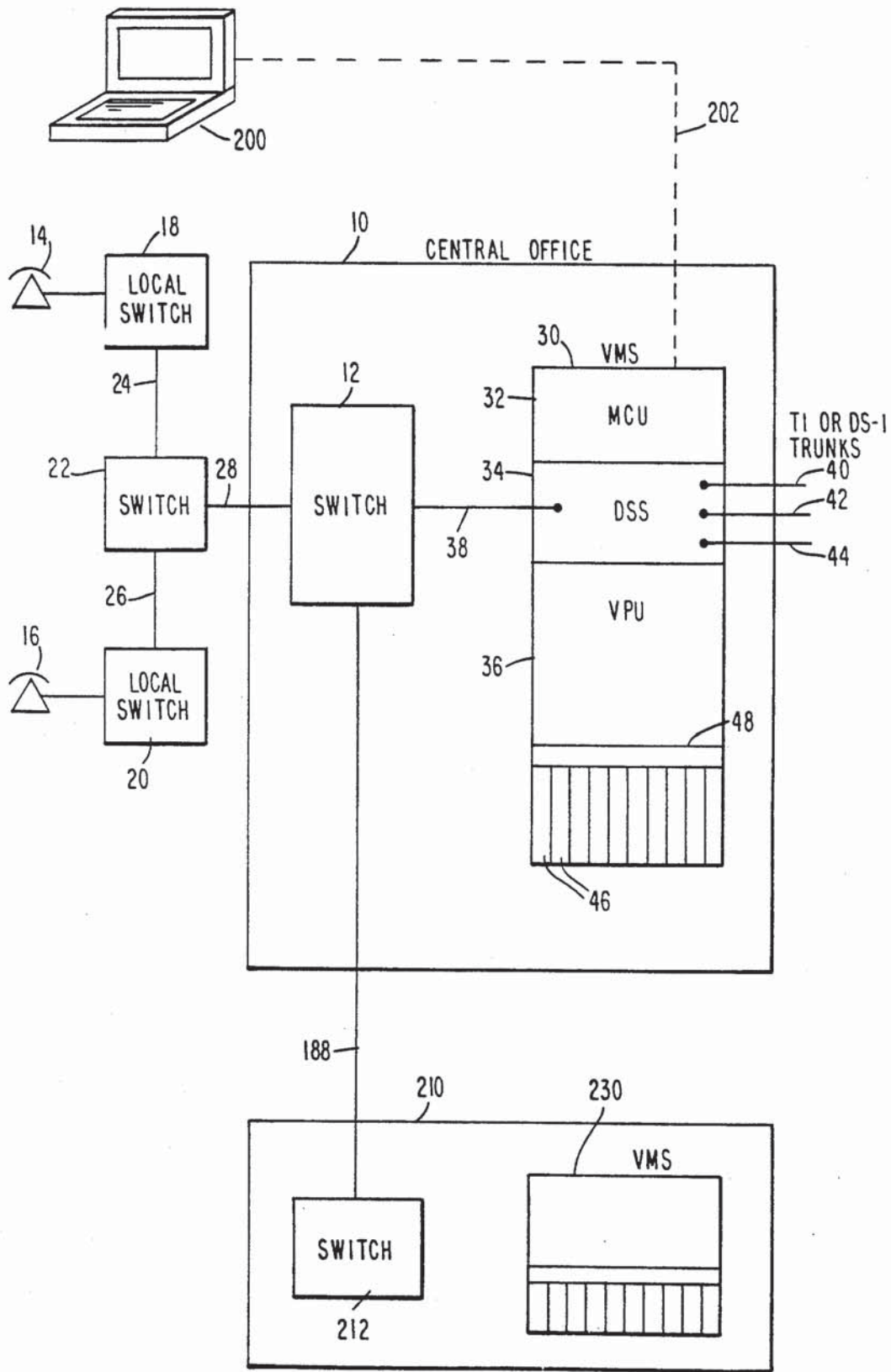


Figure 1

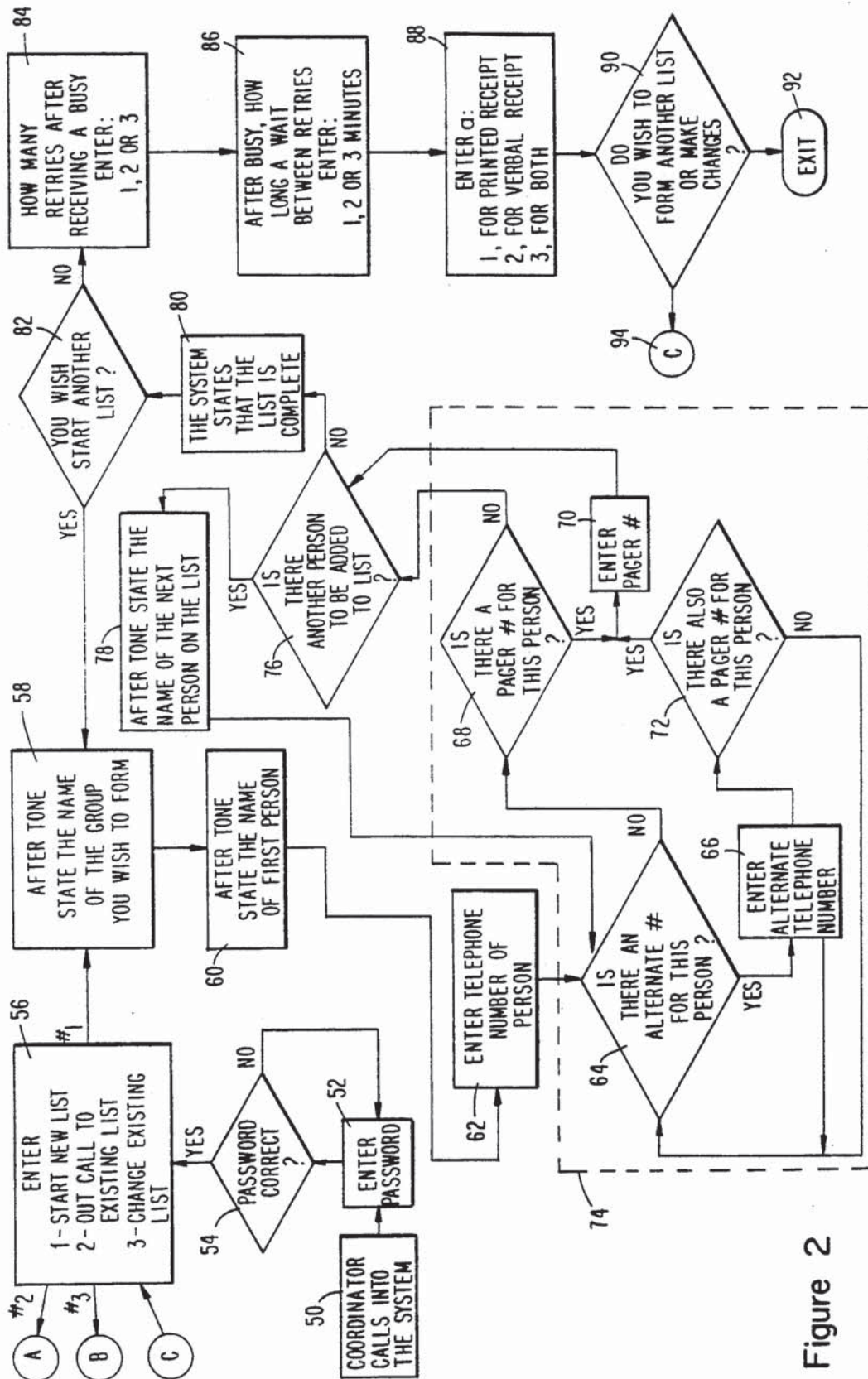


Figure 2

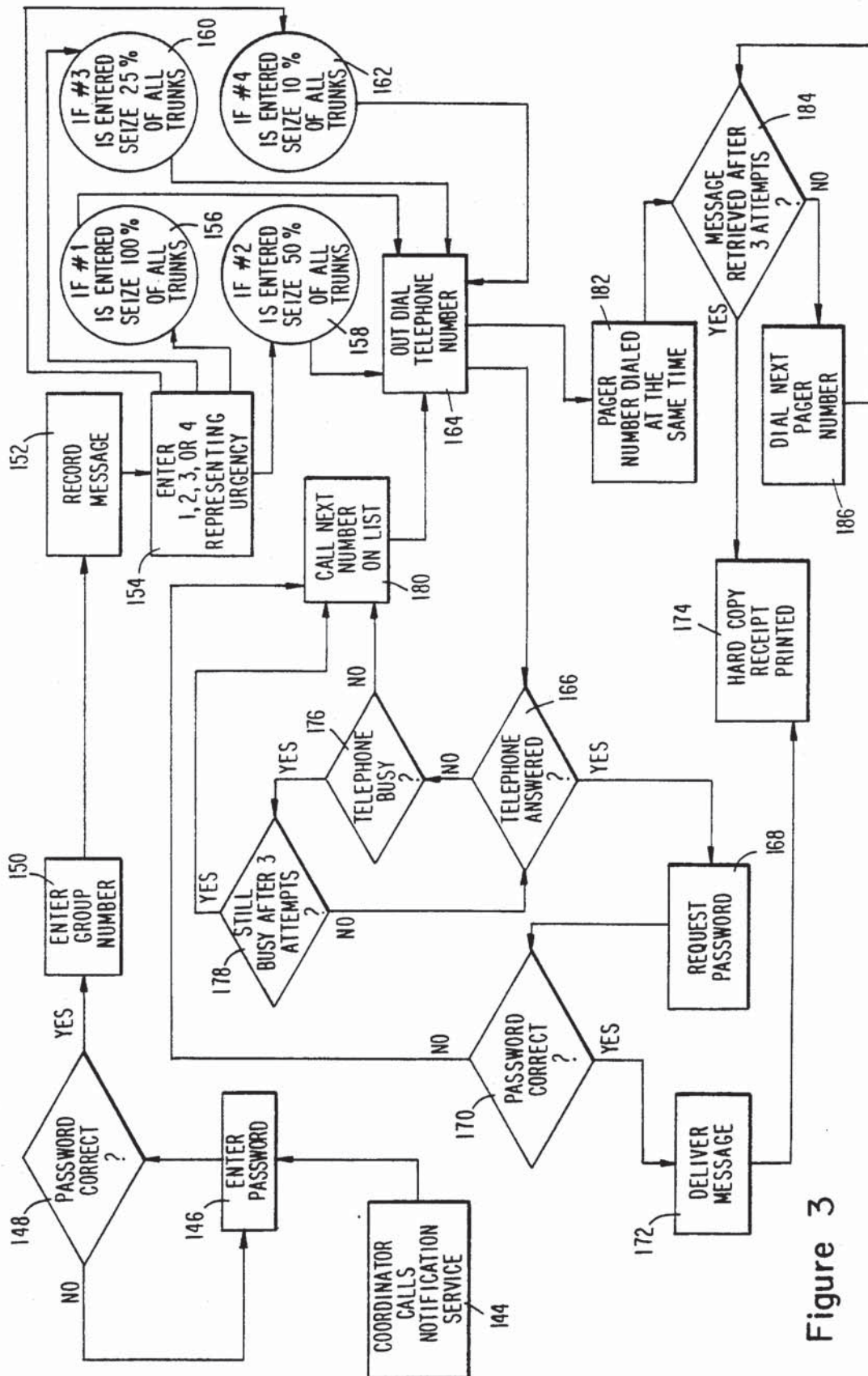


Figure 3

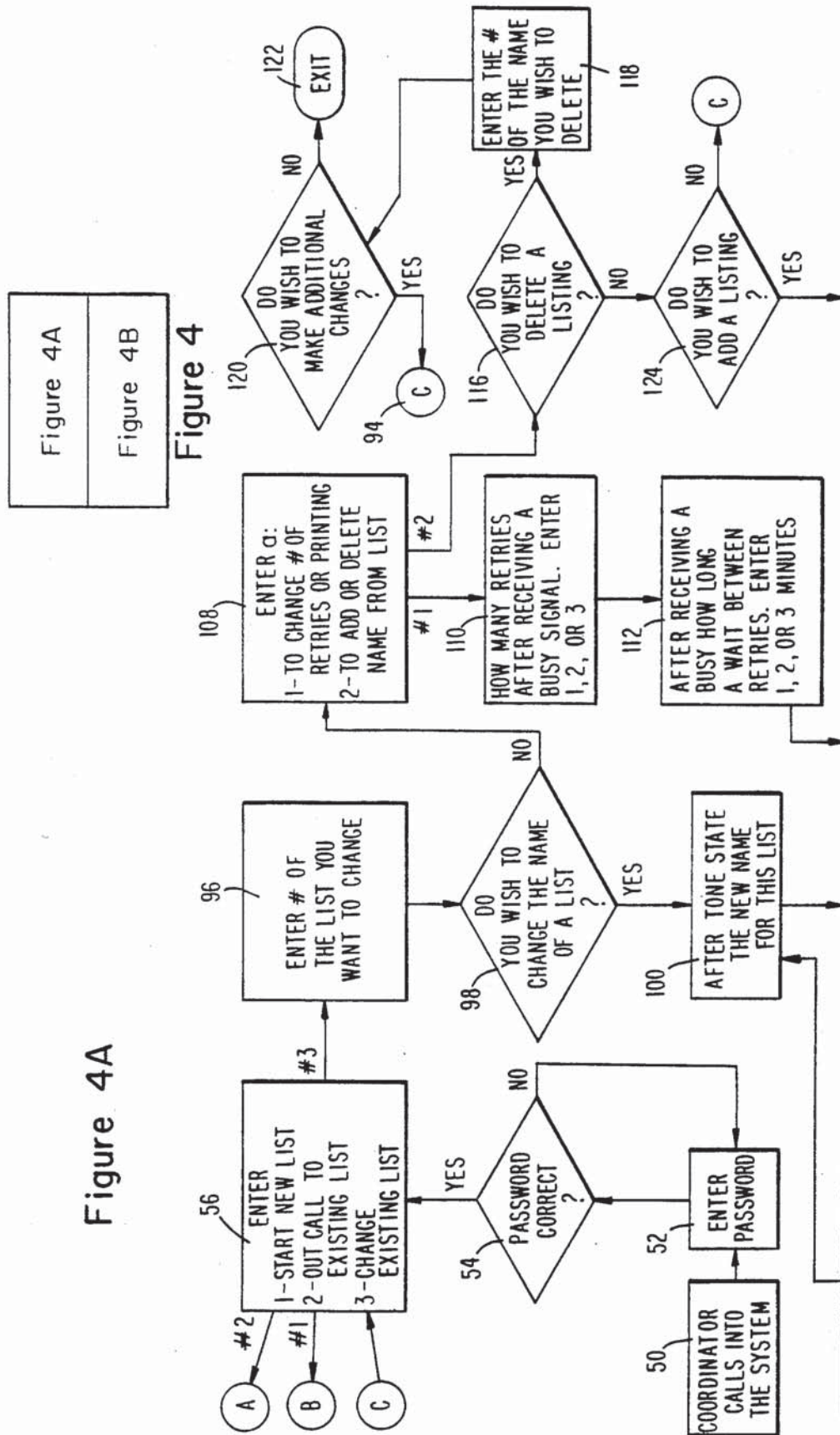
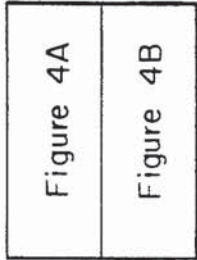


Figure 4A

Figure 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.