

US005894506A

United States Patent [19] Pinter

[11] Patent Number: **5,894,506**
[45] Date of Patent: **Apr. 13, 1999**

[54] **METHOD AND APPARATUS FOR GENERATING AND COMMUNICATING MESSAGES BETWEEN SUBSCRIBERS TO AN ELECTRONIC MESSAGING NETWORK**

[75] Inventor: **Gregory J. Pinter**, Brandon, Miss.

[73] Assignee: **SkyTel Communications, Inc.**, Jackson, Miss.

[21] Appl. No.: **08/708,696**

[22] Filed: **Sep. 5, 1996**

[51] Int. Cl.⁶ **H04M 1/64**

[52] U.S. Cl. **379/88.23; 379/88.15; 379/93.24; 340/825.44; 455/412**

[58] Field of Search **379/67, 88, 89, 379/93.24, 93.25, 93.26; 455/31.3, 31.2; 395/200.3, 200.31, 200.34, 200.37, 200.41**

[56] **References Cited**

U.S. PATENT DOCUMENTS

2,978,676	4/1961	Spencer	340/154
3,513,443	5/1970	Andersen	340/164
3,714,375	1/1973	Stover	179/2
3,818,145	6/1974	Hanway	179/41
3,846,783	11/1974	Apsell et al.	340/311
3,851,251	11/1974	Wigner et al.	325/55
3,944,724	3/1976	Kilby et al.	178/4.1
3,976,995	8/1976	Sebestyen	340/337
3,984,775	10/1976	Canal et al.	325/55
4,010,460	3/1977	DeRosa	340/311
4,010,461	3/1977	Stodolski	340/311
4,160,240	7/1979	Partipilo	340/311
4,178,475	12/1979	Taylor et al.	179/2
4,197,526	4/1980	Levine	340/311
4,249,165	2/1981	Mori	340/311
4,263,480	4/1981	Levine	179/2
4,330,780	5/1982	Masaki	340/825.44

4,336,524	6/1982	Levine	340/311
4,382,256	5/1983	Nagata	340/825.44
5,327,486	7/1994	Wolff et al.	379/210
5,381,466	1/1995	Shibayama et al.	379/88
5,539,808	7/1996	Inniss et al.	379/67

OTHER PUBLICATIONS

"New Radio Paging System," by Mitsuru Komura et al. Japan Telecommunications Review, Jul. 1977, vol. 19, No. 3, pp. 217 and 220-225.

"Paging System Broadcasts Nationwide on FM Radio Channel," Electronics International, Jan. 4, 1979, vol. 52, No. 1, pp. 67-68.

"A Development Project of a Pocketsize Receiver for a Nationwide Paging System," by Kari Kiishinen et al, IEEE, 1979, pp. 383-387.

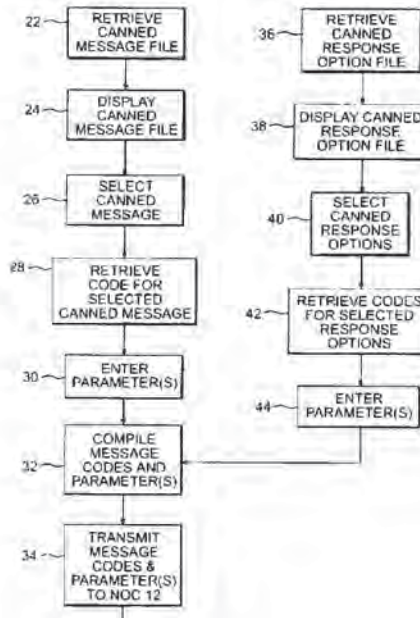
Primary Examiner—Fan S. Tsang

Attorney, Agent, or Firm—Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.

[57] **ABSTRACT**

An electronic messaging network comprises a network operation center and plural message terminals, all including memories for storing corresponding files of canned messages and associated message codes. To send a canned message, a calling party selects a canned message stored at one message terminal and transmits the assigned message code to a receiving party at another message terminal via the network operation center. The receiving terminal retrieves the selected canned message from its memory using the received message code for display to the receiving party. Files of canned responses and associated response codes may also be stored in the memories at the terminals and network operation center to allow the exchange of selected canned response options in conjunction with canned messages to be in response code form.

21 Claims, 7 Drawing Sheets



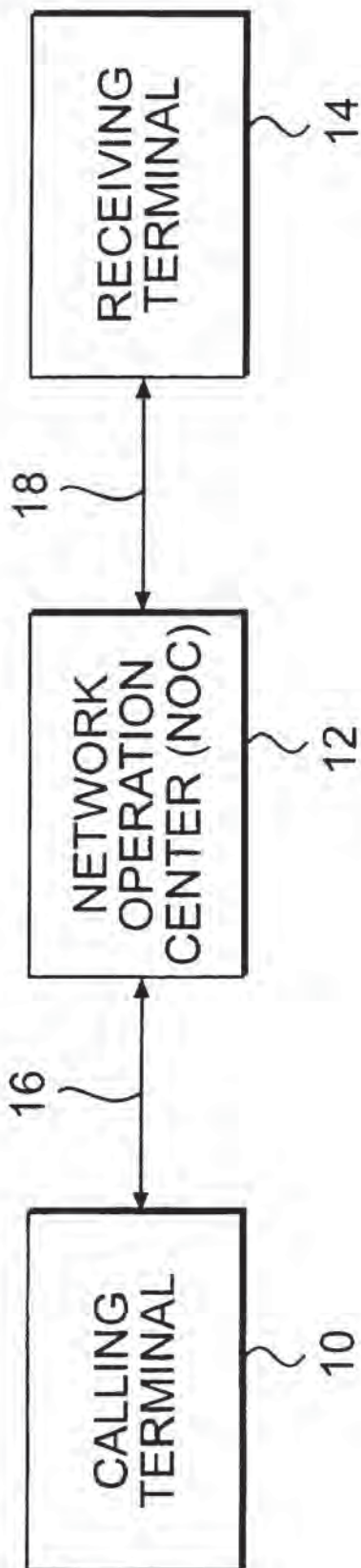


FIG. 1

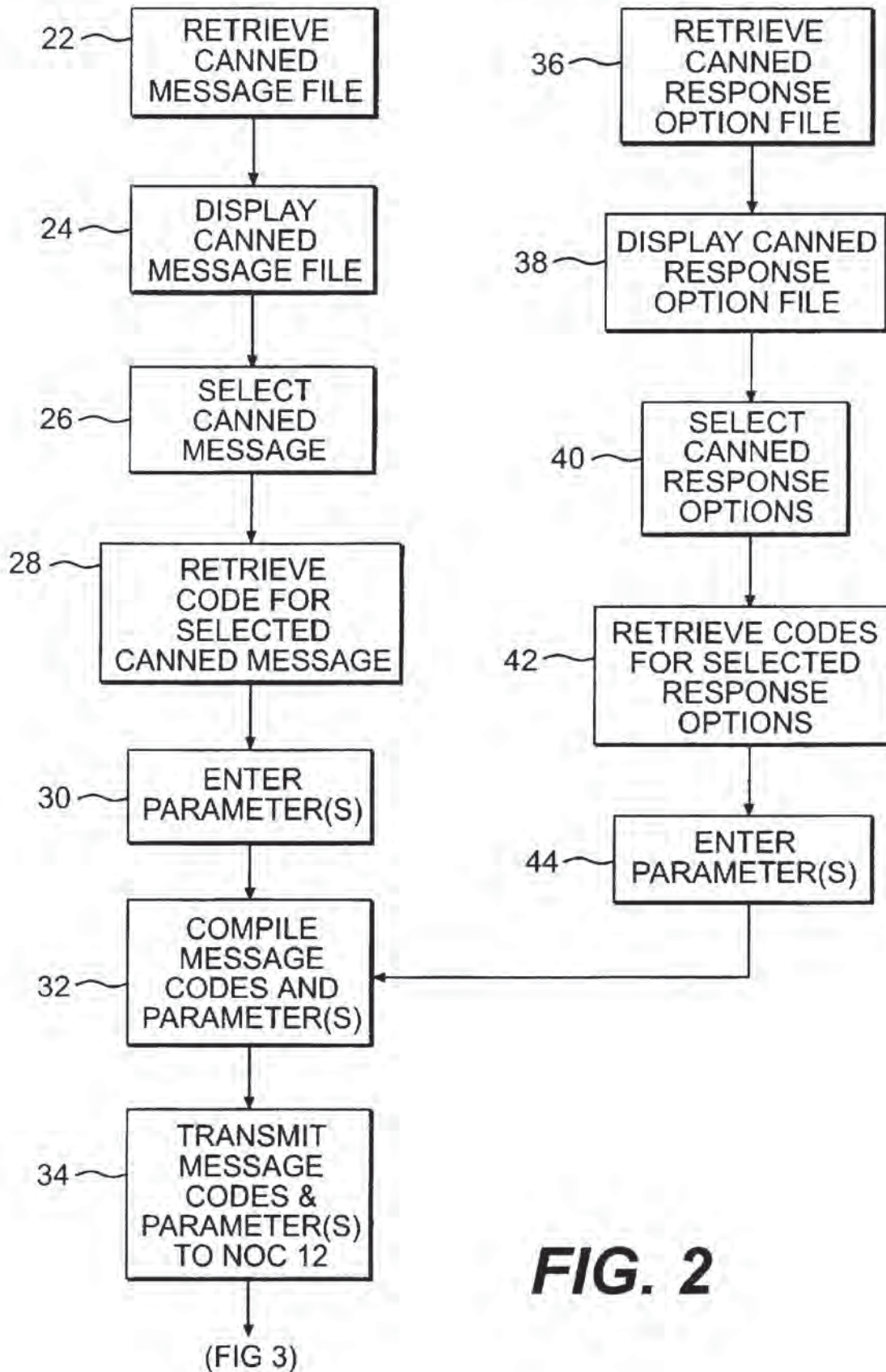


FIG. 2

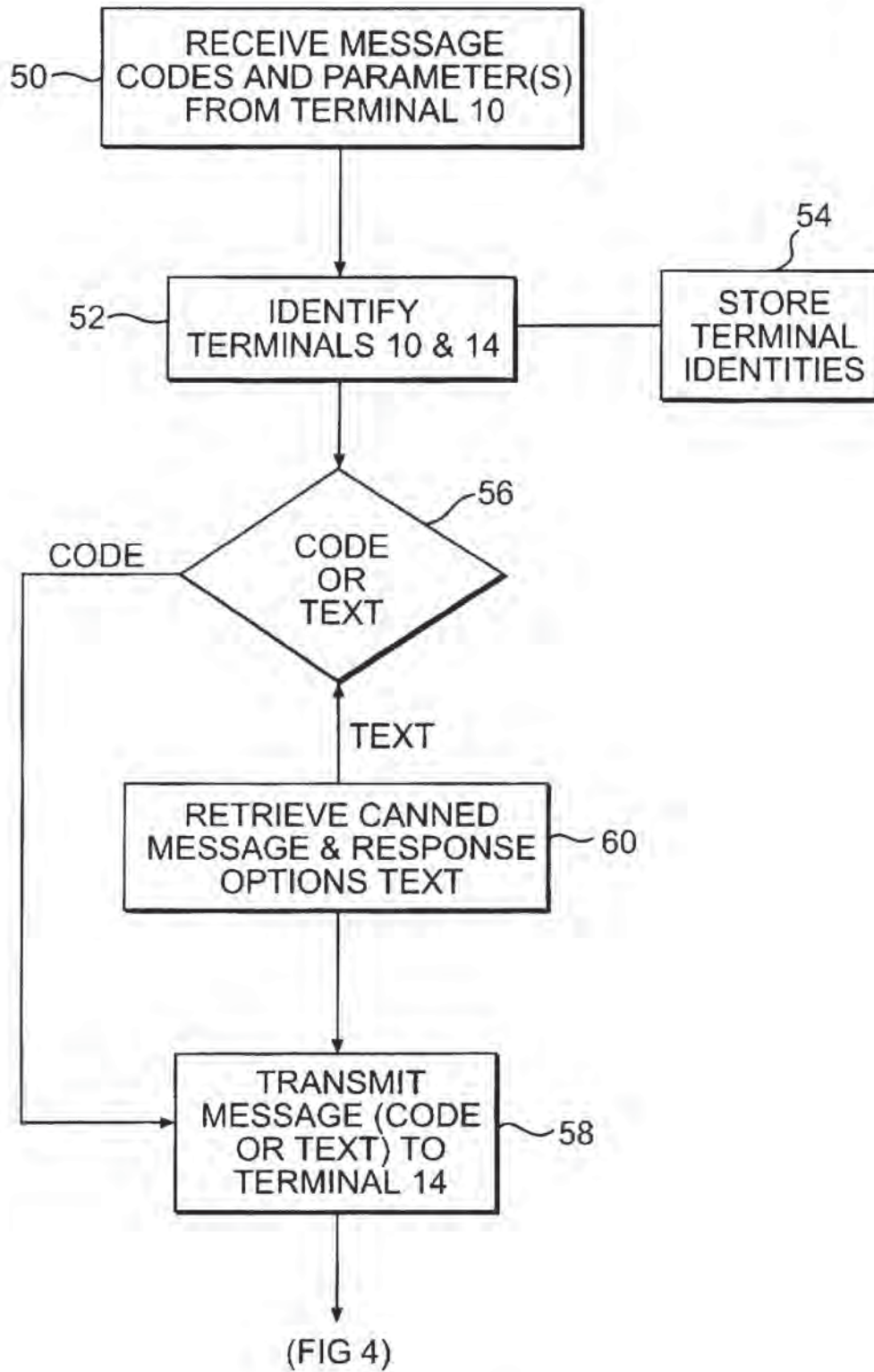


FIG. 3

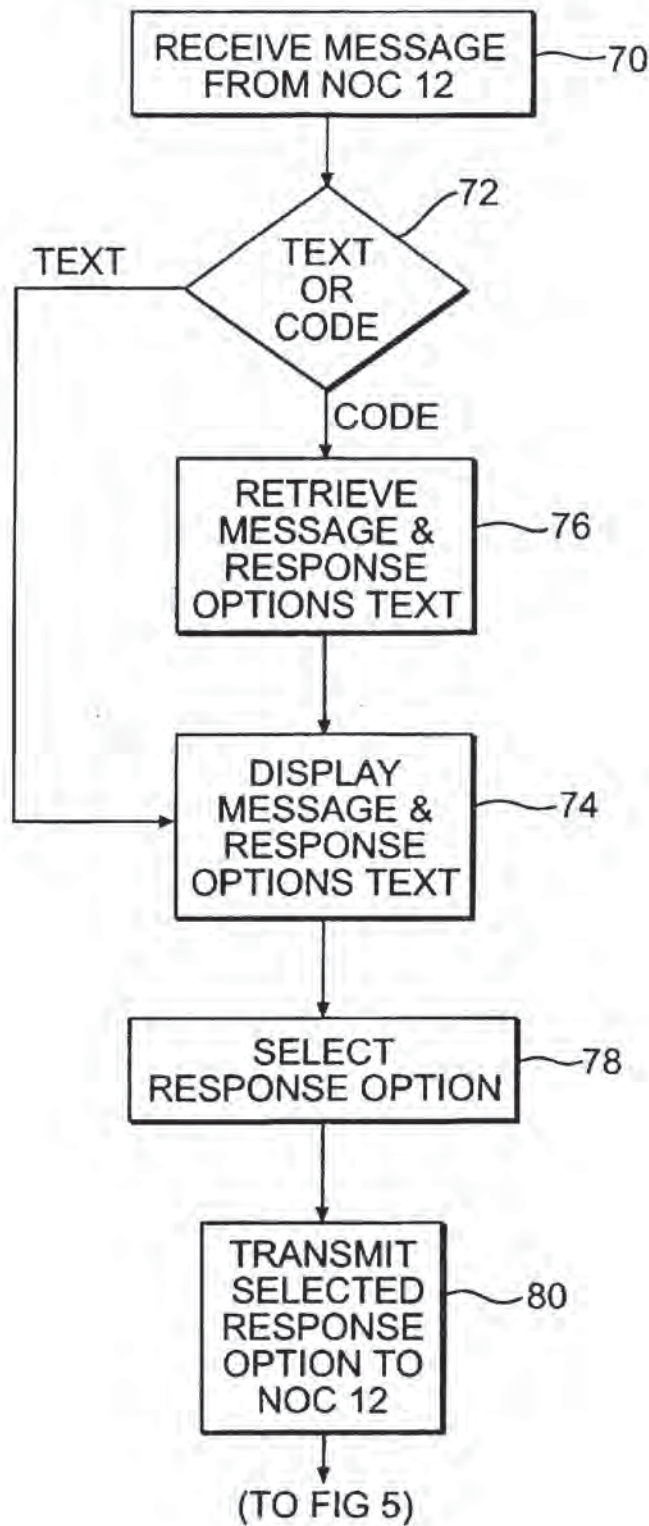


FIG. 4

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.