

- [54] **SELECTIVE PAGING RECEIVER WITH MESSAGE DISPLAY**
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- [73] **Assignee:** NEC Corporation, Japan
- [21] **Appl. No.:** 906,148
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- [30] **Foreign Application Priority Data**
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- [51] **Int. Cl.⁴** H04Q 7/00; G05B 5/22
- [52] **U.S. Cl.** 340/825.44; 340/311.1; 455/38
- [58] **Field of Search** 340/825.44, 825.47, 340/825.48, 311.1, 286, 792, 799; 455/31, 38; 379/56, 57

- 4,385,295 5/1983 Willard et al. 340/825.44
- 4,504,825 3/1985 Bergermann et al. 340/709
- 4,618,860 10/1986 Mori 340/825.48

FOREIGN PATENT DOCUMENTS

- 0136677 4/1985 European Pat. Off. 340/825.44

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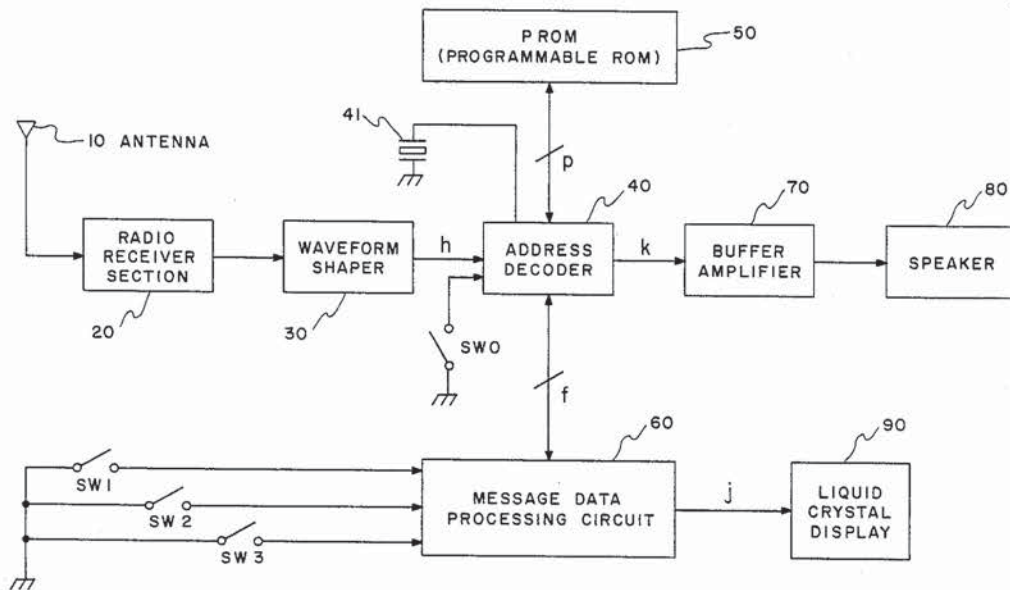
[57] **ABSTRACT**

A pager has a receiver for receiving selective paging numbers and message data and a message display panel for displaying paging messages to the user. The pager has a first memory for storing message data. Control data, arriving together with the message data and related to its display, is stored in a second memory. A display controller, responsive to external operating inputs from the user, is provided for controlling the contents of the messages to be displayed on a basis of the control data. A display responds to control from the display controller, to read out and display messages stored in the first memory.

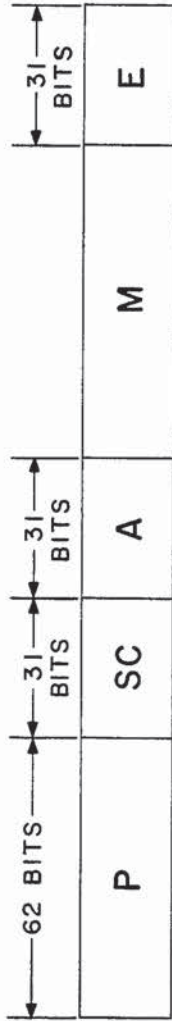
[56] **References Cited**
U.S. PATENT DOCUMENTS

- 3,757,037 9/1973 Bialek 340/712
- 3,976,995 8/1976 Sebestyen 340/792
- 4,336,524 6/1982 Levine 340/825.44
- 4,382,256 5/1983 Nagata 340/825.44

12 Claims, 13 Drawing Sheets

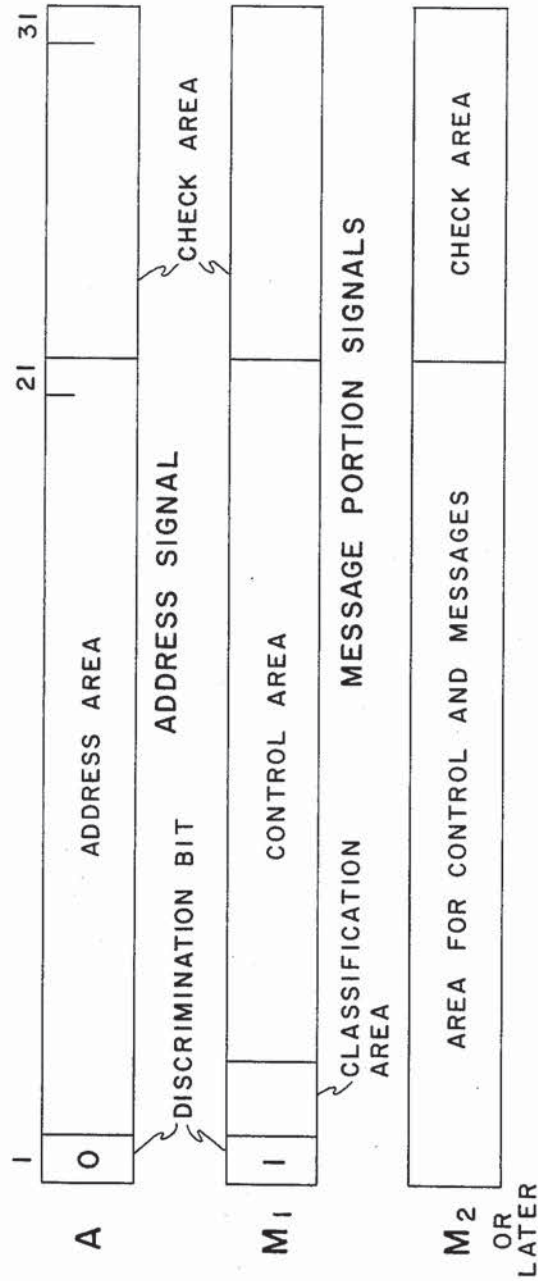


BLOCK DIAGRAM OF SELECTIVE PAGING RECEIVER WITH MESSAGE DISPLAY



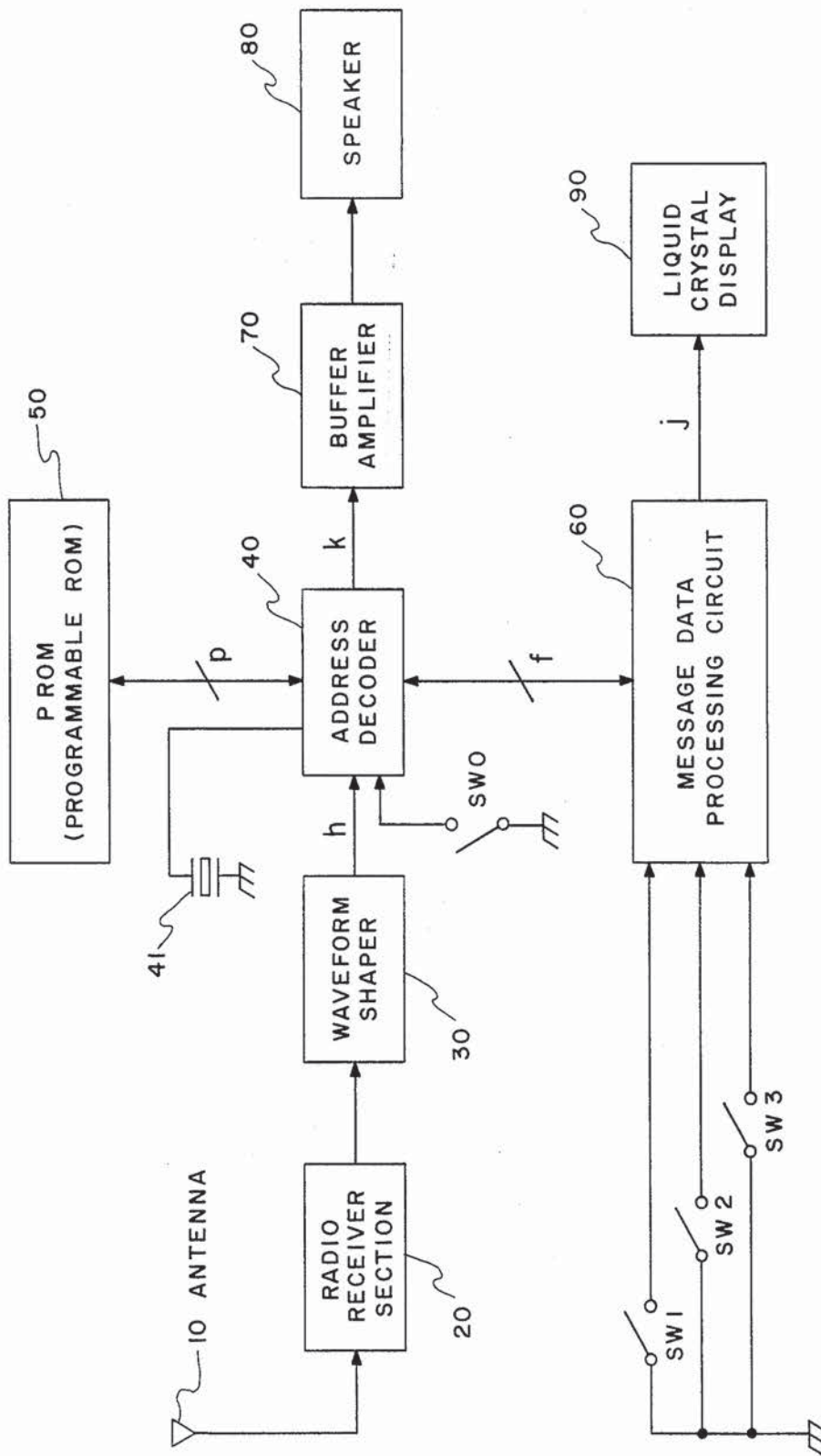
RECEIVED PAGING SIGNAL

FIG. 1(a)



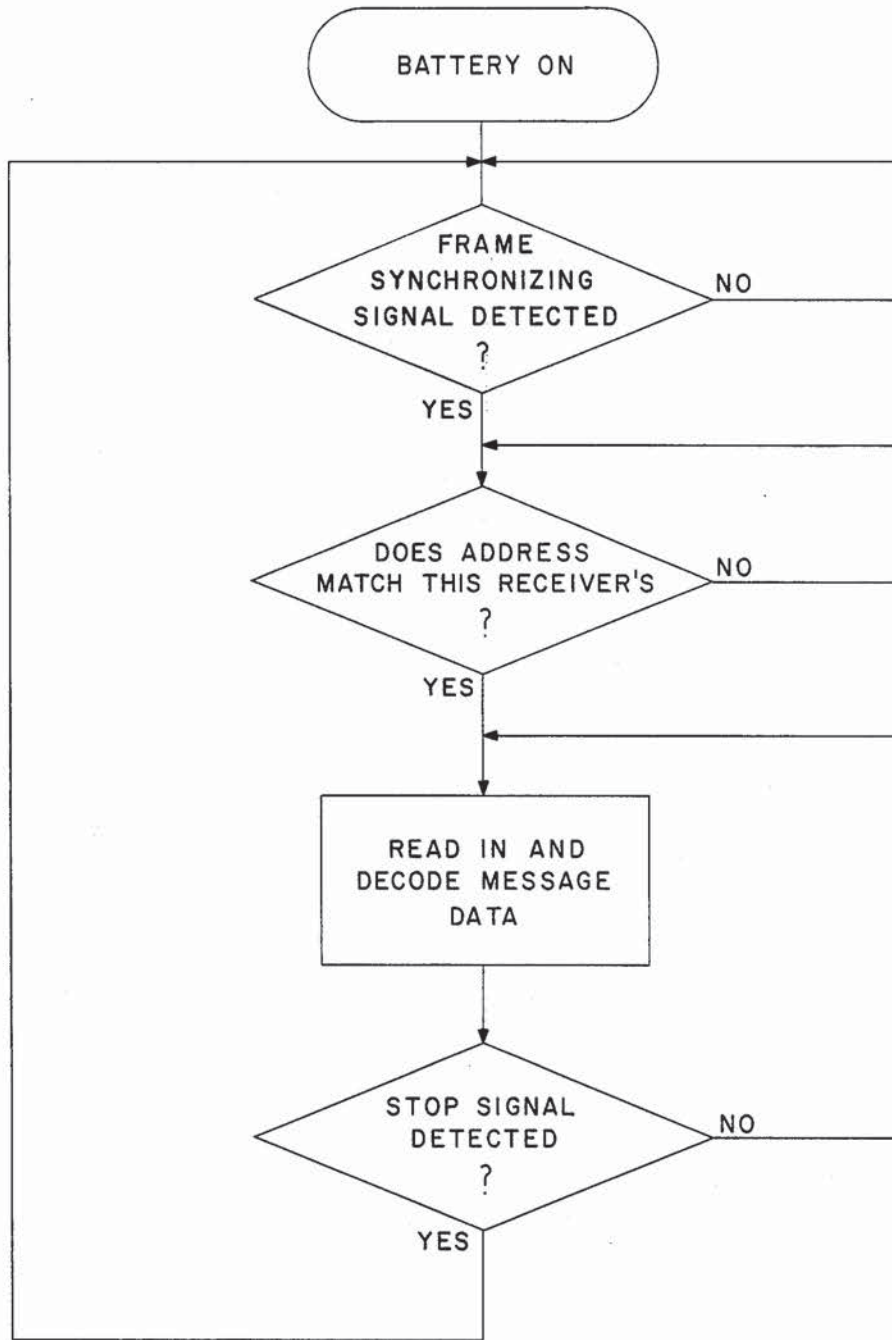
ADDRESS AND MESSAGE PORTION SIGNALS

FIG. 1(b)



BLOCK DIAGRAM OF SELECTIVE PAGING RECEIVER WITH MESSAGE DISPLAY

FIG. 2



FLOW CHART OF DECODER OPERATION

FIG. 3

FIG. 4(a) CLASSIFICATION AREA I

- 00 CONTROL AREA CONTINUES TO NEXT M_n
- 01 PARTIAL DISPLAY
- 10 KEY WORD DISPLAY
- 11 ABBREVIATED DISPLAY

FIG. 4(b) CONTROL AREA

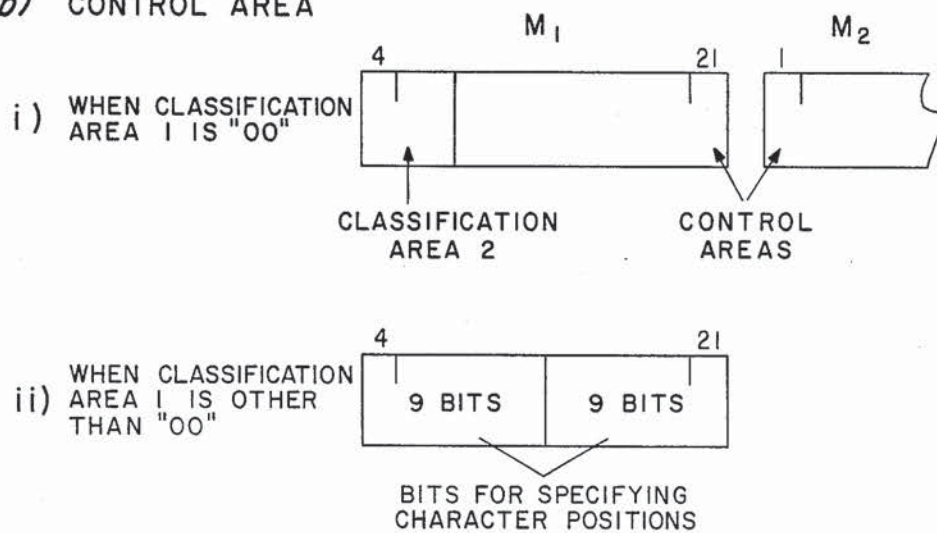


FIG. 4(c) MESSAGE INFORMATION (SAMPLE MESSAGE)

1	10	20	25
MR. SATO CAME BACK FROM A			
26	30	40	50
MERICA. PLEASE GO TO NARI			
51	60	70	75
TA AIRPORT BY SEVEN			

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