

[54] MICROPROCESSOR FOR OVEN CONTROL

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[52] U.S. Cl. 219/10.55 B; 219/506

[58] Field of Search 219/10.55 R, 10.55 B, 219/10.55 E, 506; 307/64, 296

[56] References Cited

U.S. PATENT DOCUMENTS

3,753,001	8/1973	Hiroshima et al.	307/64
3,819,906	6/1974	Gould, Jr.	219/506
3,982,141	9/1976	Copeland	307/296
4,011,428	3/1977	Fosnough et al.	219/506
4,038,510	7/1977	White	219/10.55 E

OTHER PUBLICATIONS

E. A. Torrero, "An Introduction to Microprocessors", *Electronic Design* 9, pp. 58-62, 4/26/76.

A. J. Weissberger, "Microprocessors Simplify Industrial Control", *Electronic Design* 22, 10/25/75, pp. 96-99.

George D. Hanchett, "Turn-On Reset Pulse Circuits", *RCA Technical Notes*, 3/28/73.

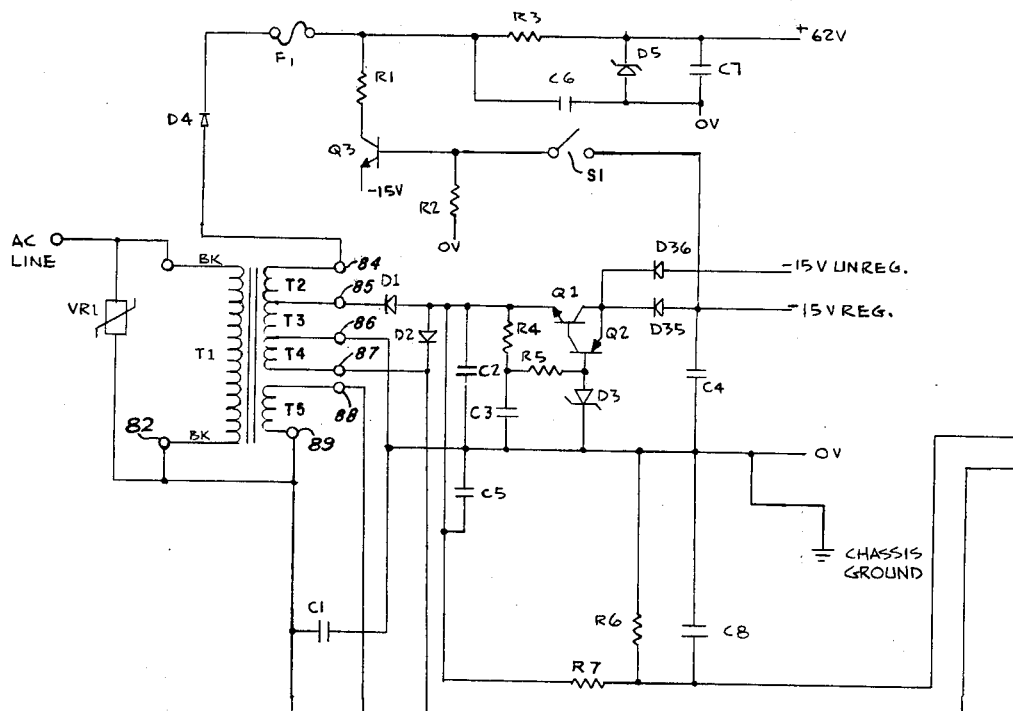
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[57] ABSTRACT

A microprocessor for oven control has a keyboard for data and instruction entry and a display for displaying desired data, including the oven duty cycle. The microprocessor incorporates a random access memory for storing data entered from the keyboard and also incorporates a read-only memory which controls the operation of the microprocessor for its dedicated purpose.

3 Claims, 12 Drawing Figures



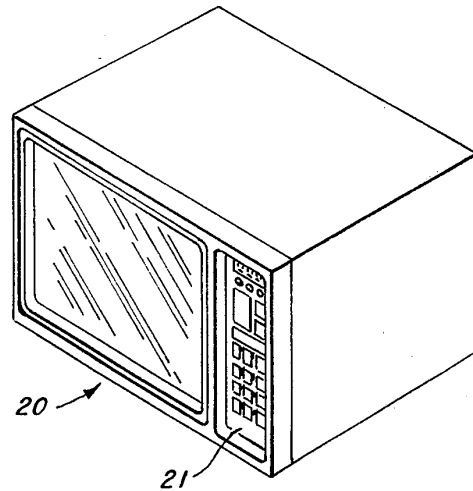


Fig. 1

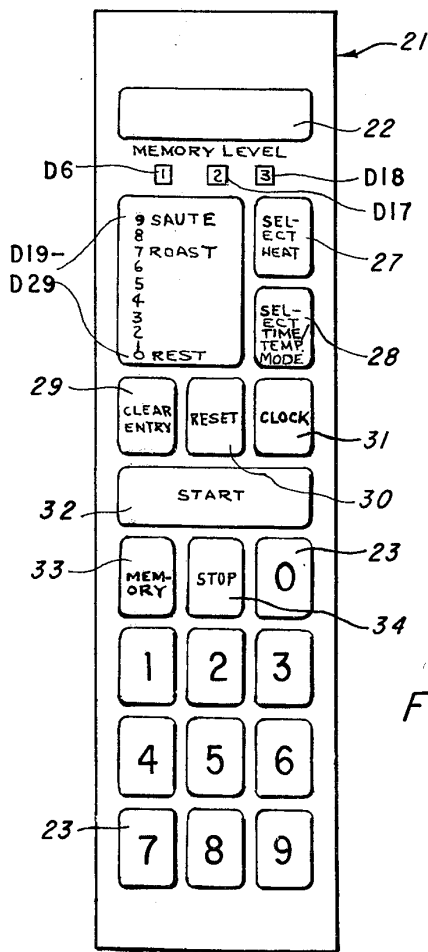


Fig. 2

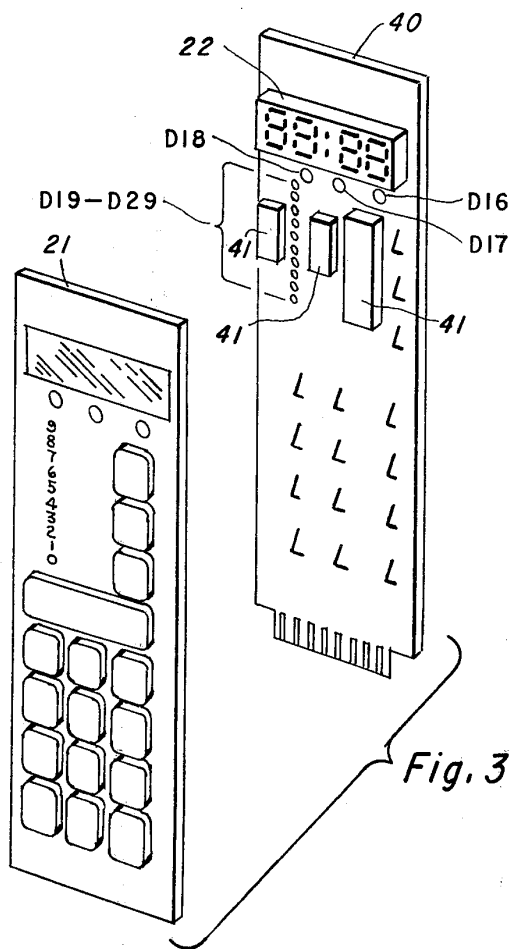


Fig. 4

	Fig. 4a	Fig. 4b
Fig. 4c	Fig. 4d	Fig. 4e
Fig. 4f	Fig. 4g	Fig. 4h

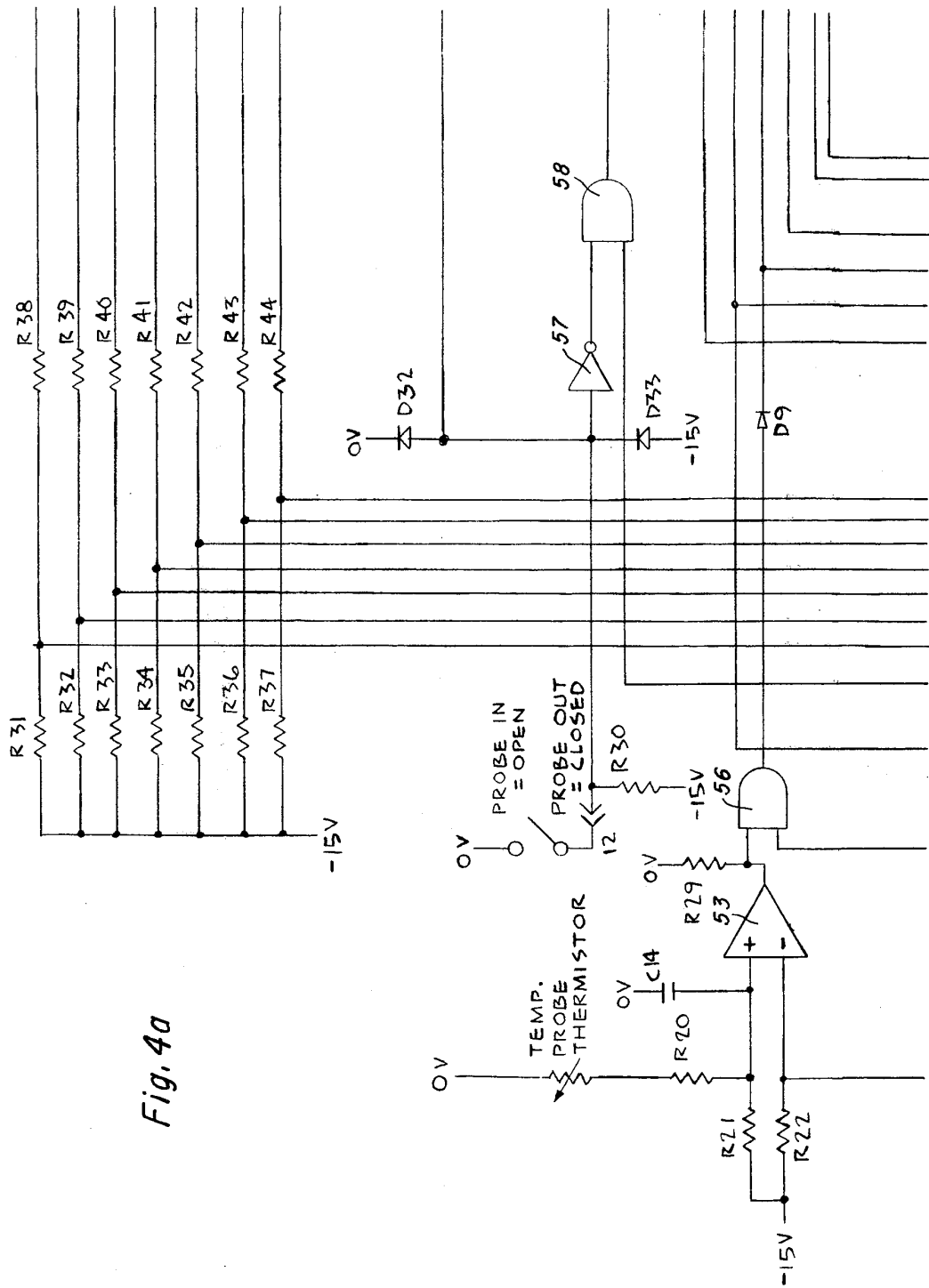
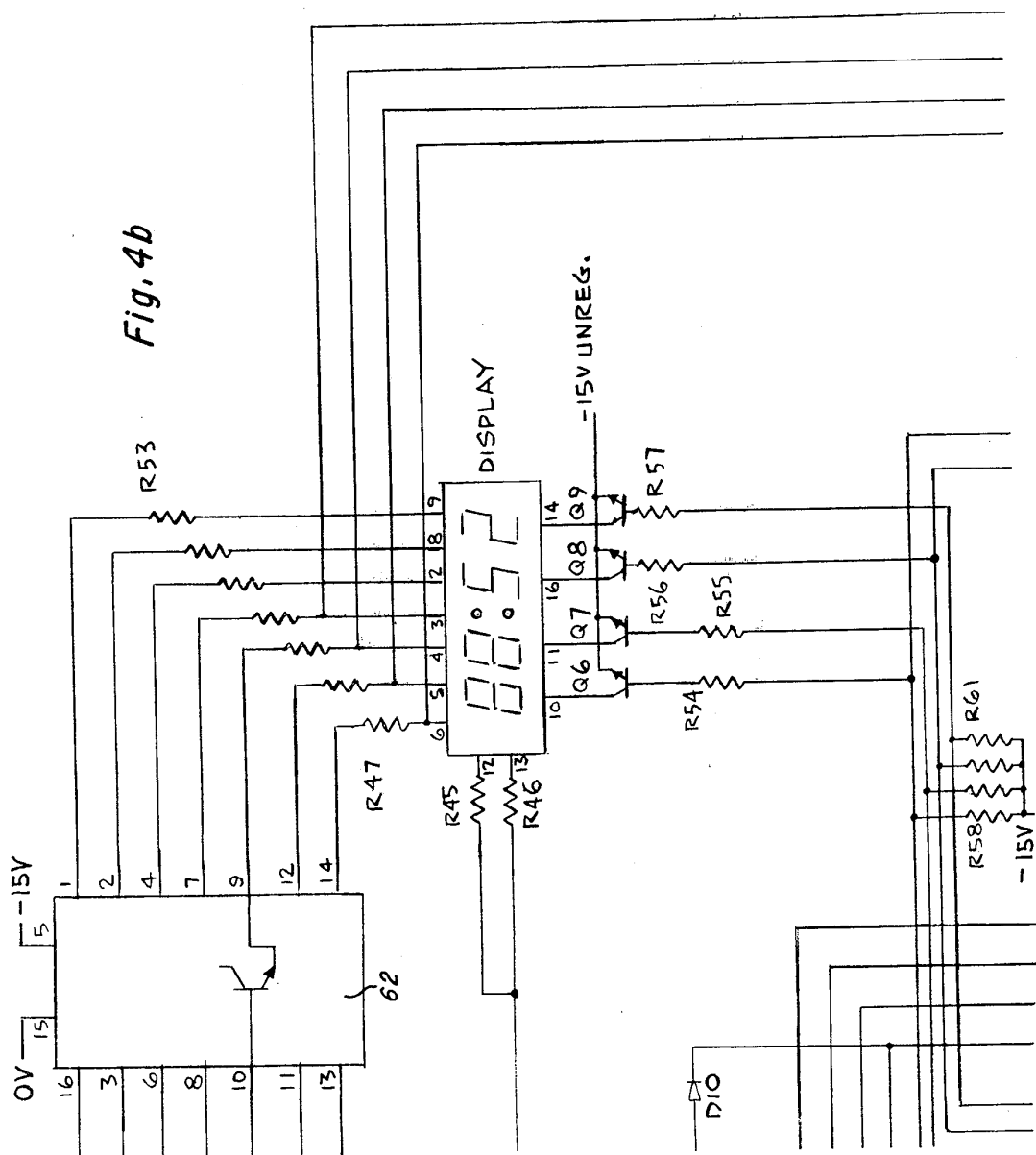


Fig. 4a



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