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United States Patent [19]

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Ridinger

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[54] GUITAR TUNER WITH ANALOG-SIMULATIVE LIQUID CRYSTAL DISPLAY

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[57] CLAIM

An ornamental design for a guitar tuner with an analog-simulative liquid crystal display, as shown and described.

[**] Term: 14 Years

DESCRIPTION

[21] Appl. No.: 46,828

FIG. 1 is a perspective view of a guitar tuner with an analog-simulative liquid crystal display showing my new design;

[22] Filed: Nov. 16, 1995

FIG. 2 is a top plan view thereof;

[52] U.S. Cl. D17/99; D10/102

FIG. 3 is a bottom plan view thereof;

[58] Field of Search D10/46, 75, 78, D10/96, 102, 106, 122, 123; D17/20, 99; 84/454

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a left side elevational view thereof;

[56] References Cited

U.S. PATENT DOCUMENTS

D. 250,178	11/1978	Maxwell et al.	D10/75
D. 319,250	8/1991	Iinuma	D17/99
D. 363,890	11/1995	Nieman	D10/102
3,433,116	3/1969	Althoff	84/454
4,365,537	12/1982	Pogoda	84/454

FIG. 6 is a front elevational view thereof;

FIG. 7 is a rear elevational view thereof;

FIG. 8 is an enlarged fragmentary view of the analog-simulative liquid crystal display in a non-operational position; and,

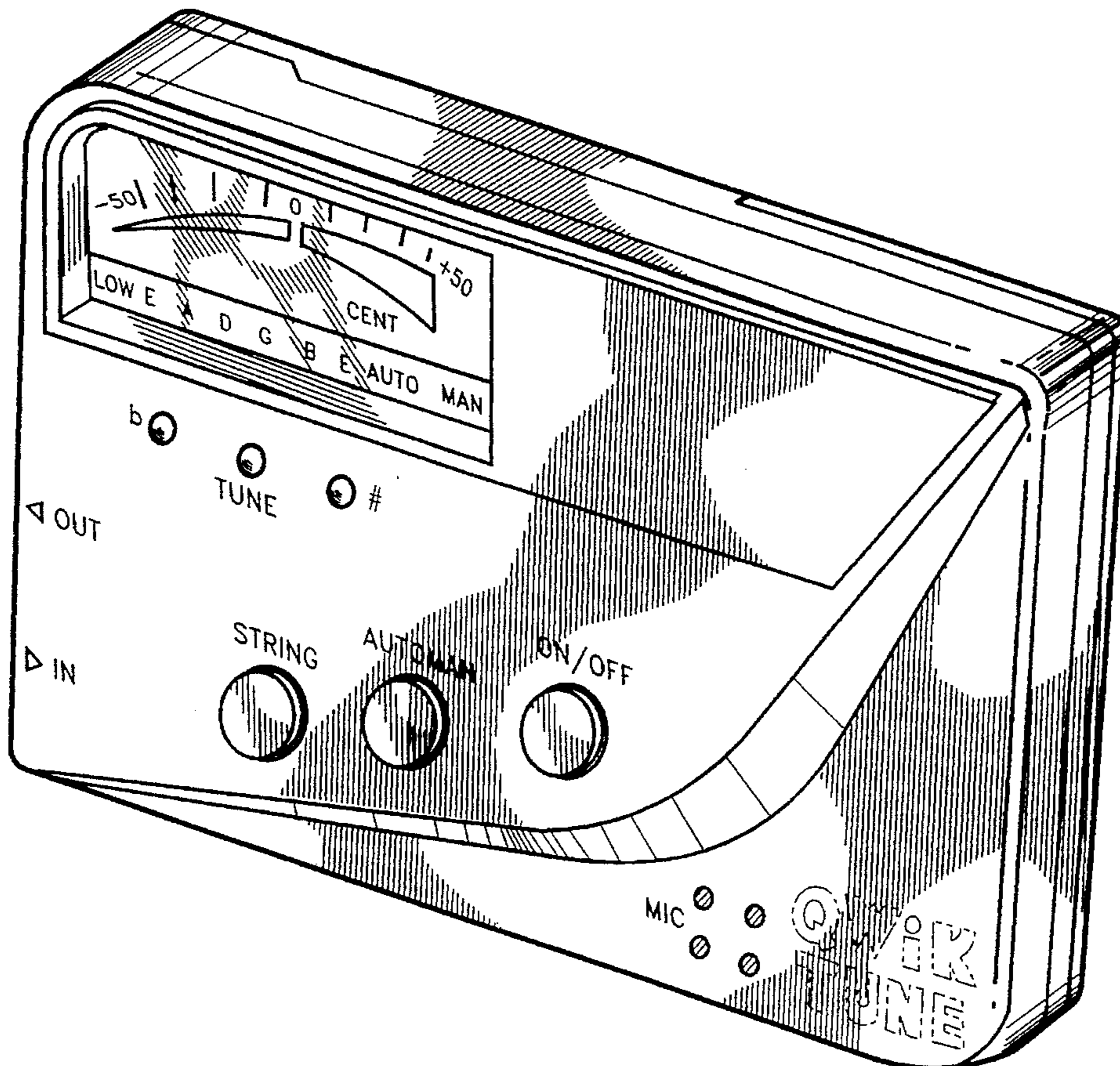
FIG. 9 is an enlarged fragmentary view of the analog-simulative liquid crystal display in an operational position. The broken line showing of the printed matter "QWiK TUNE" in FIG. 1 is for illustrative purposes only and forms no part of the claimed design.

OTHER PUBLICATIONS

Music Trades, Sep. 1988 p. 87 (The Digital Chromatina Tuner).

Primary Examiner—Ted Shooman

1 Claim, 5 Drawing Sheets



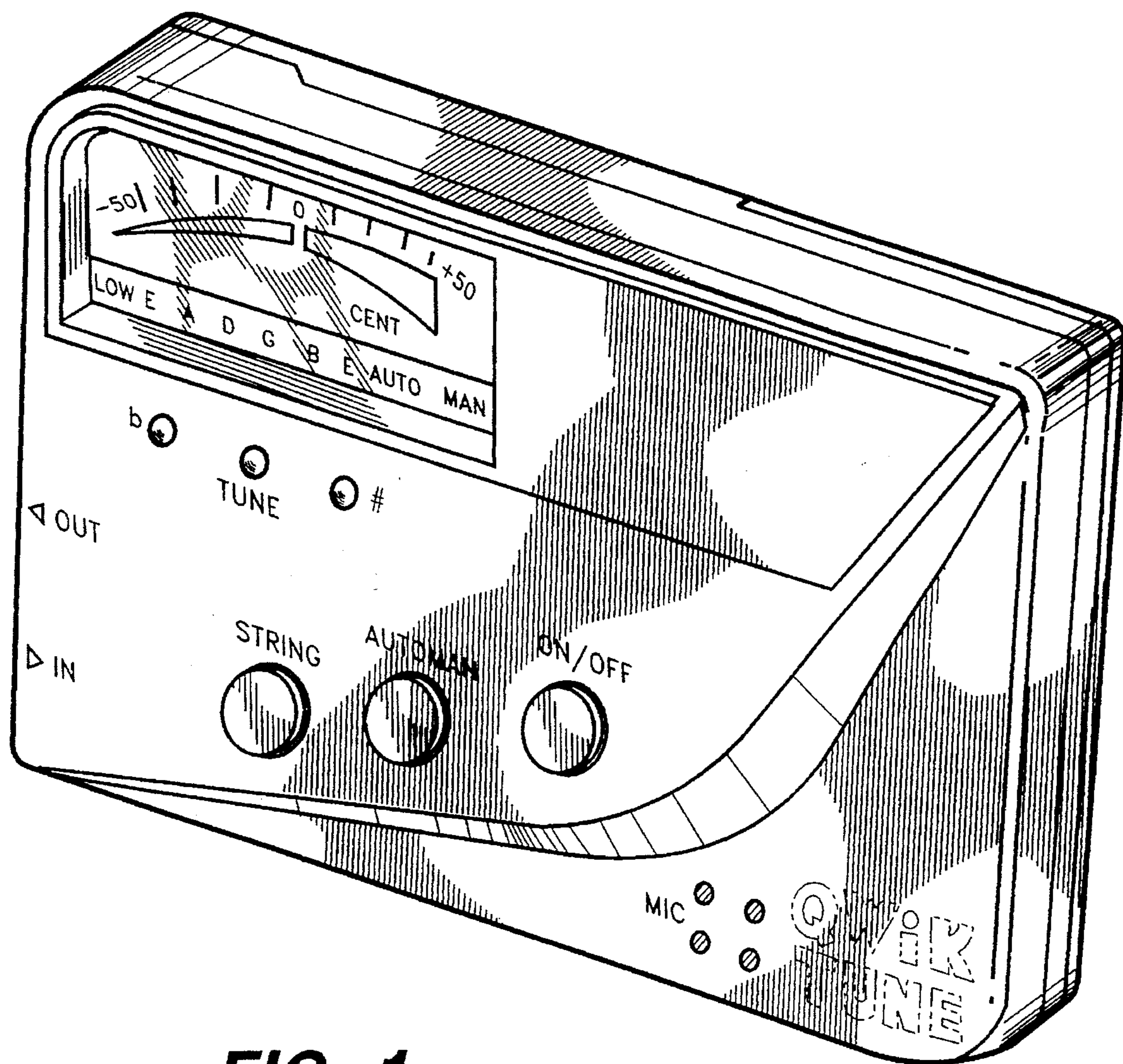


FIG. 1

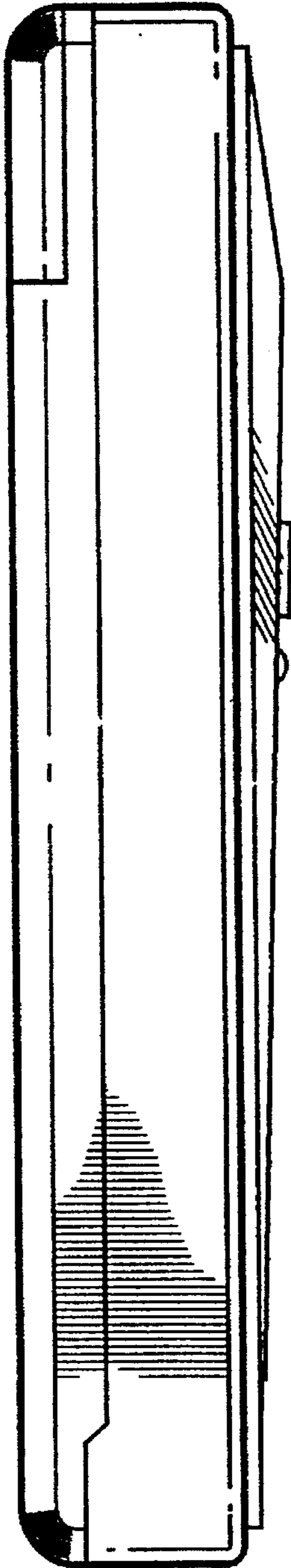


FIG. 2

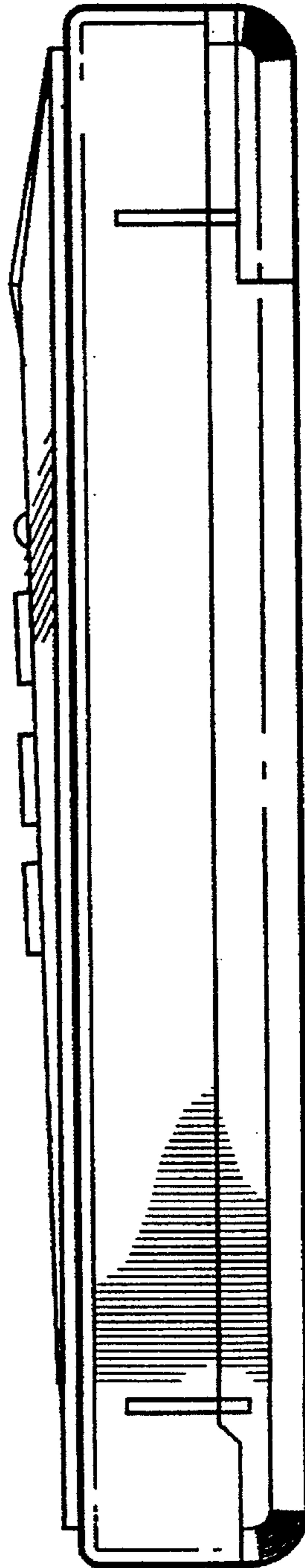


FIG. 3

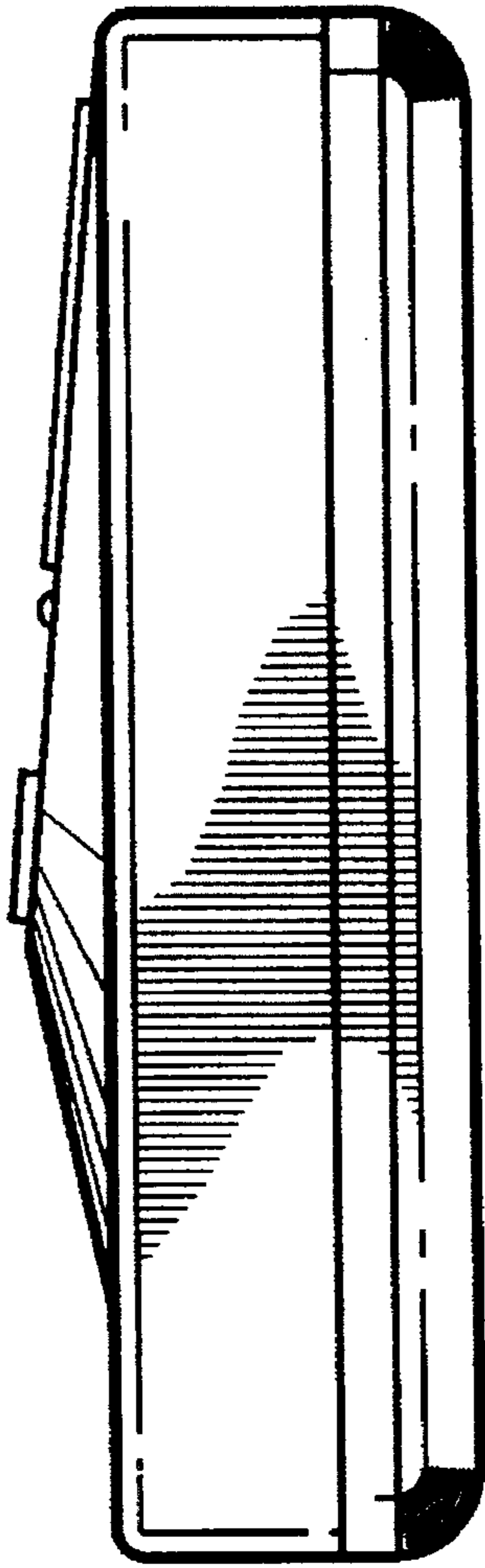


FIG. 4

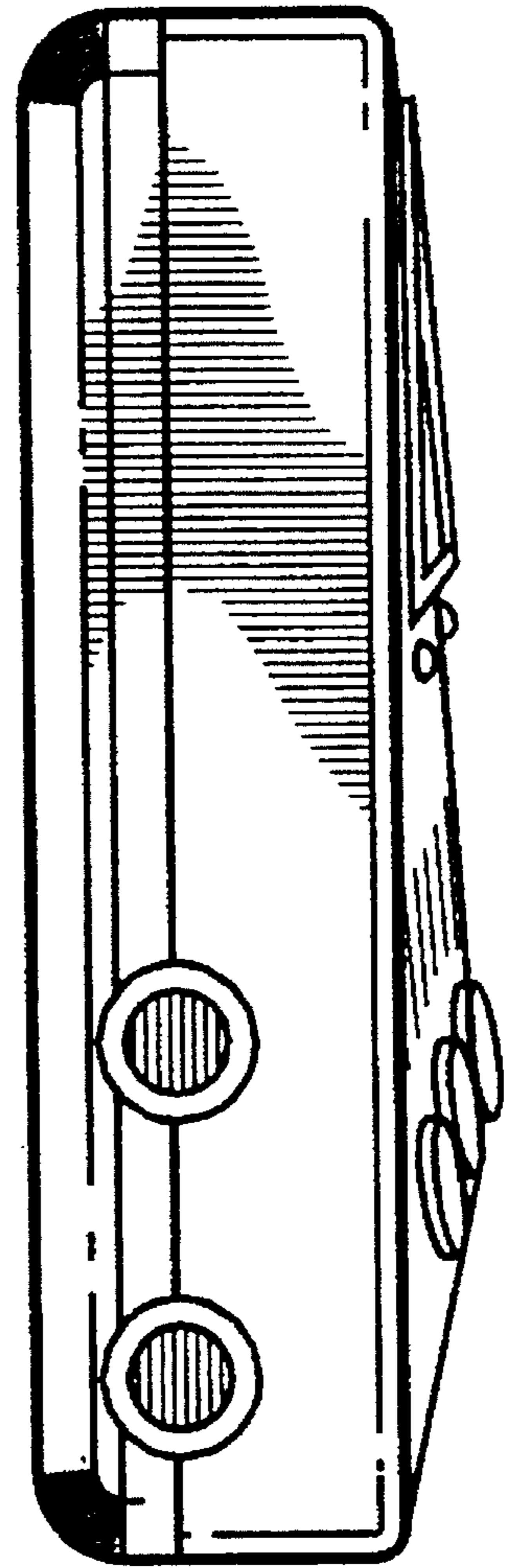


FIG. 5

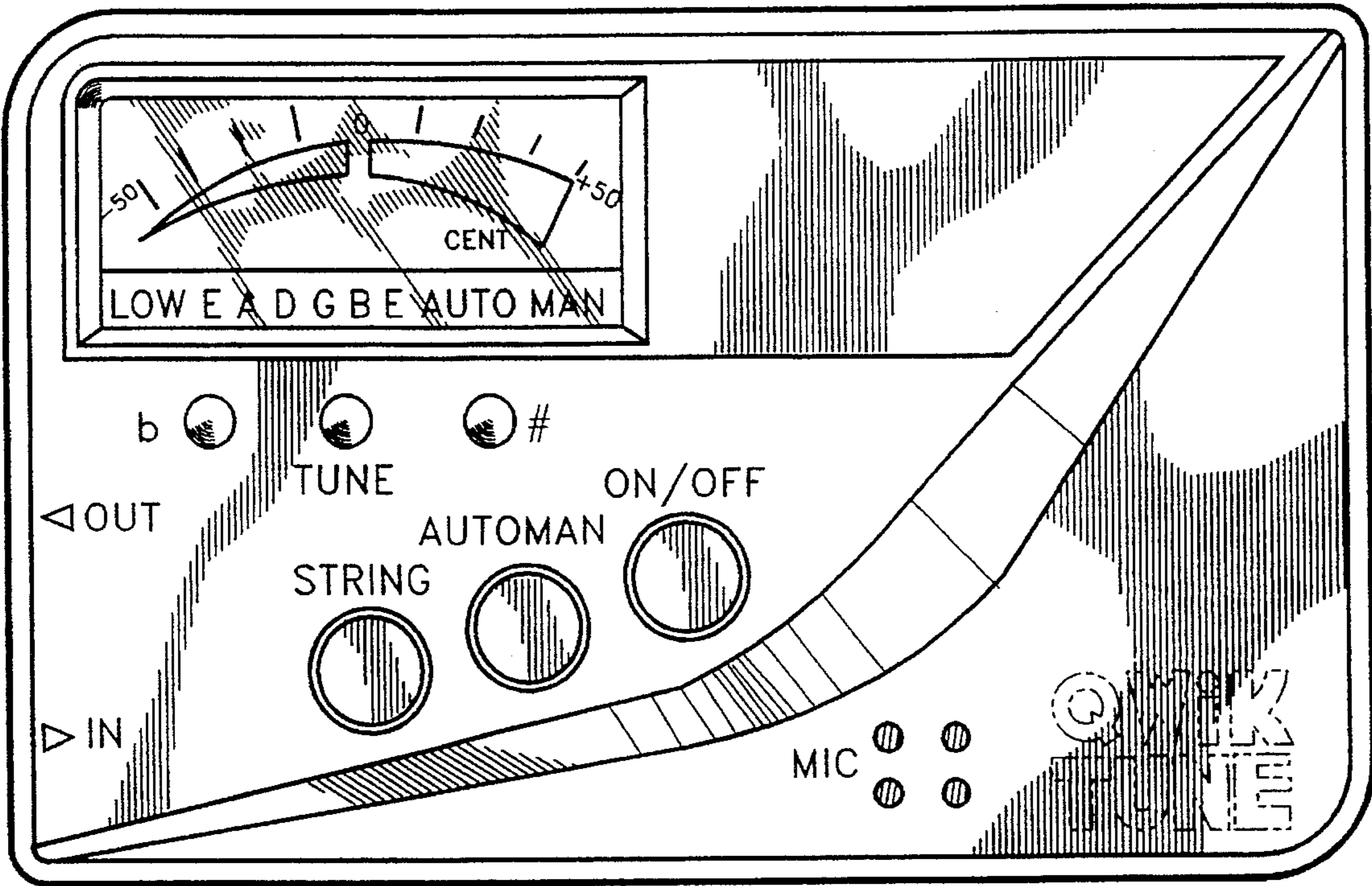


FIG. 6

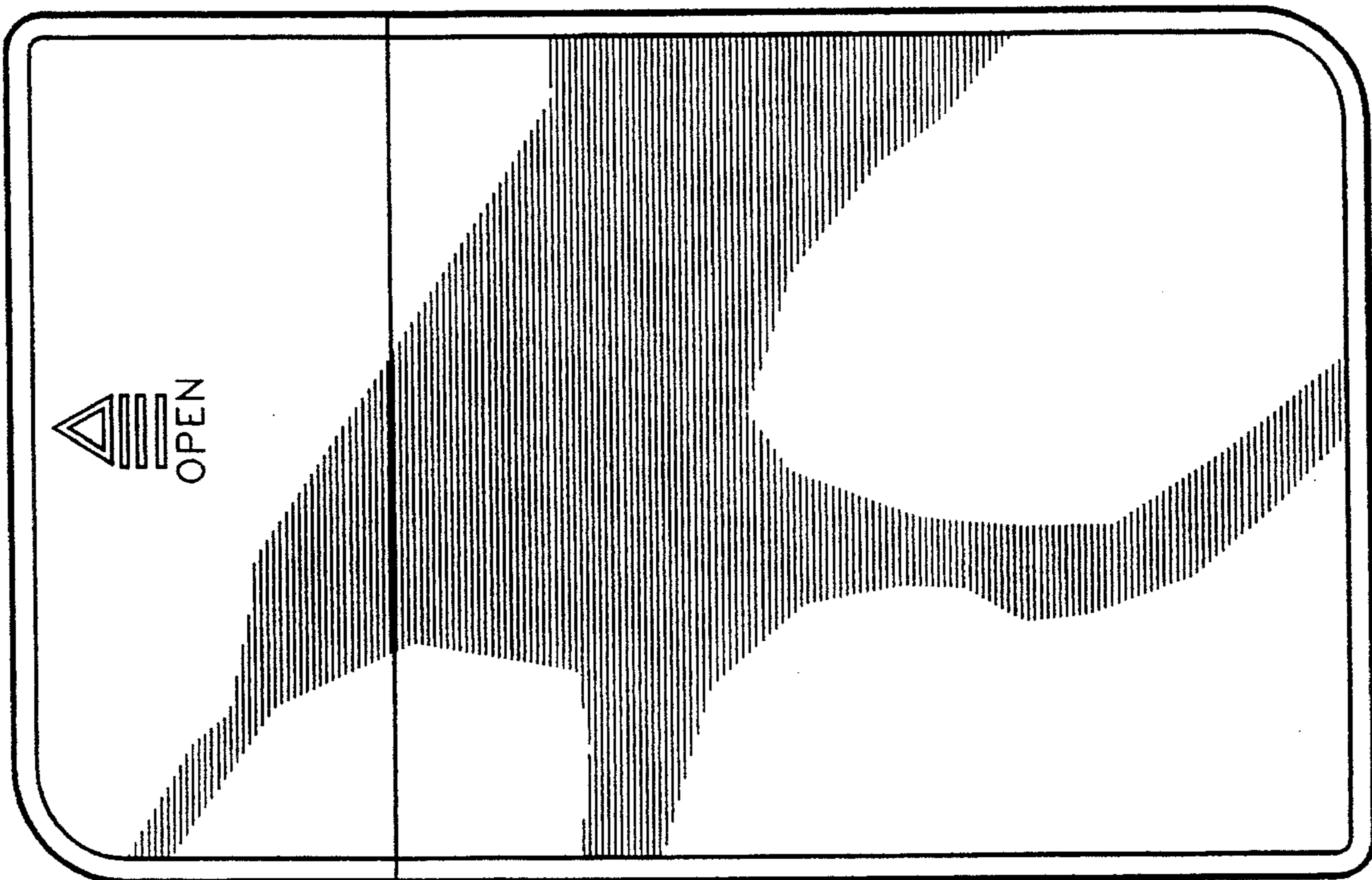


FIG. 7

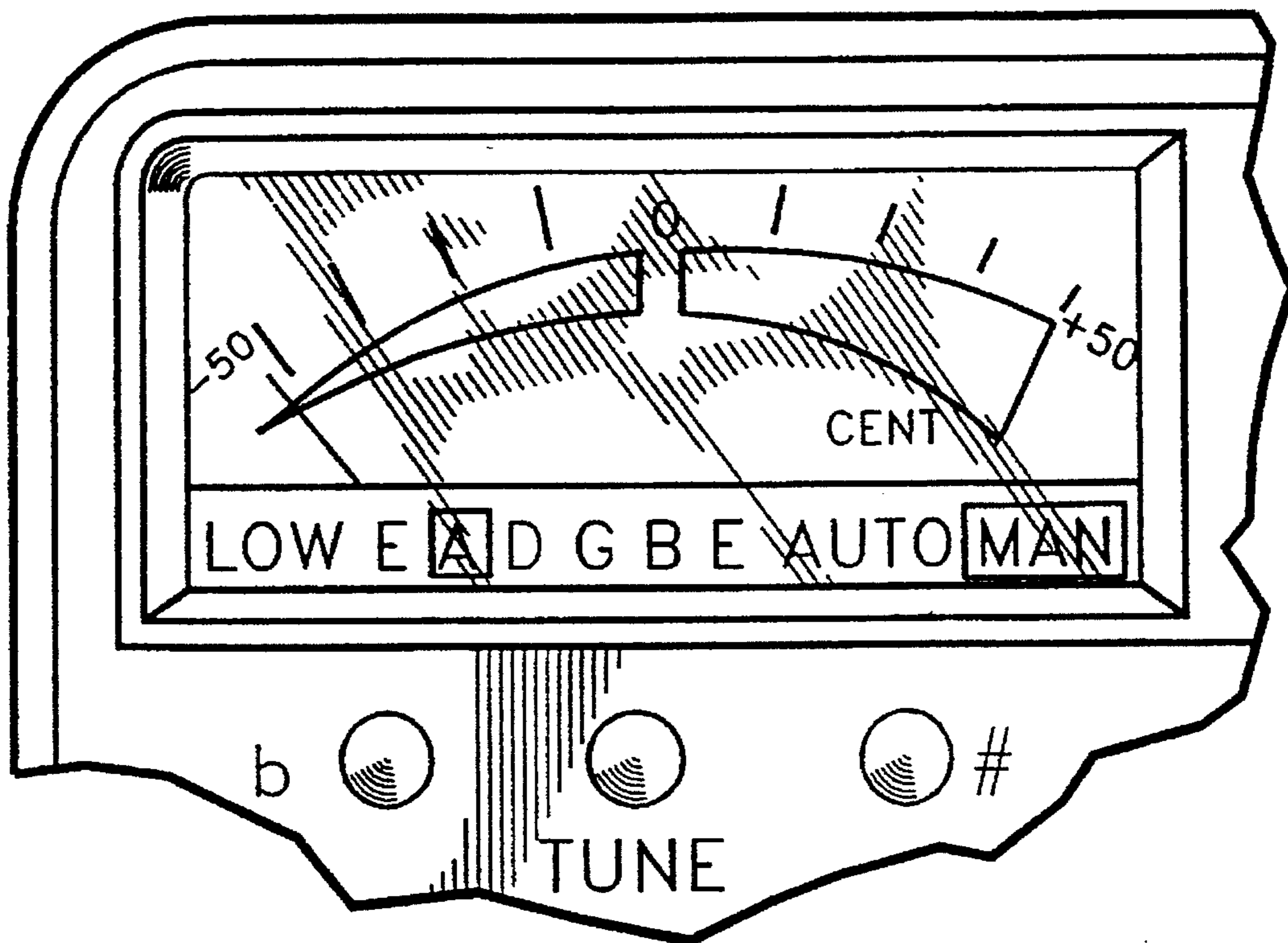


FIG. 8

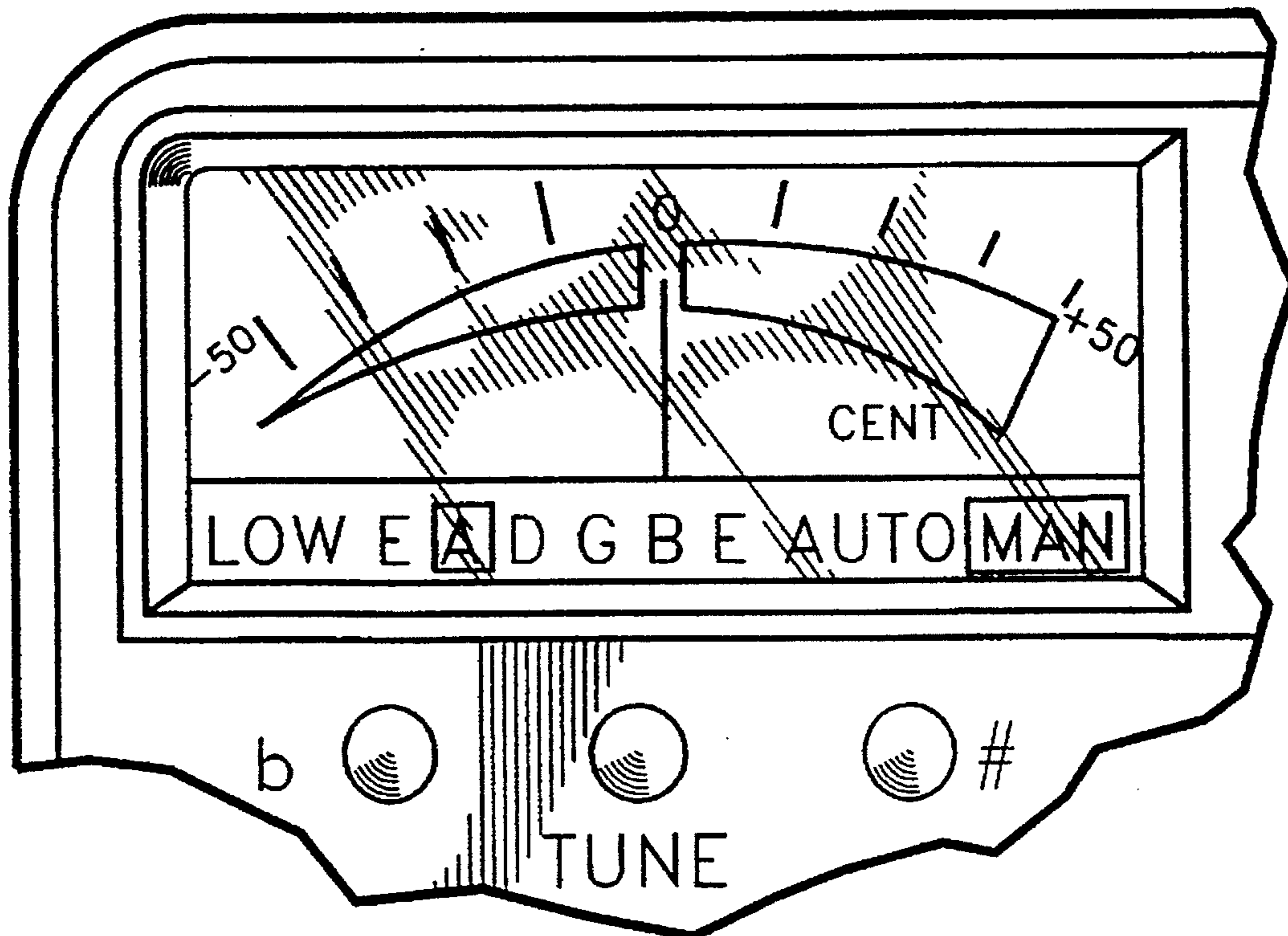


FIG. 9