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United States Patent [19]

Nishiyama et al.

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[45] Date of Patent: **Jul. 25, 1995**

[54] **FOLDABLE RADIO TELEPHONE SET WITH ROTARY SELECTOR INTEGRAL WITH FOLDABLE HINGE ELEMENT**

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[73] Assignee: **Hitachi, Ltd., Tokyo, Japan**

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[22] Filed: **Sep. 7, 1993**

[57] ABSTRACT

[30] Foreign Application Priority Data

Sep. 8, 1992 [JP] Japan 4-239735

A portable radio telephone set provided with a display section includes a rotary selector which turns to select various functions. A menu displayed on the display section is selected by the rotary selector during a non-conversation time, and the sound volume can be adjusted during the conversation time. The adjusting operation can be performed from both the front and the rear sides of the telephone set. The rotary selector and button keys are arranged within the operation range of the thumb, and ordinary dial functions performed by operating these rotary selector and button keys are provided.

[51] Int. Cl.⁶ **H04M 11/00**

[52] U.S. Cl. **379/58; 379/61; 379/428; 379/433; 379/434; 455/89; 455/90**

[58] Field of Search **379/58, 61, 428, 433, 379/434; 455/89, 90**

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13 Claims, 7 Drawing Sheets

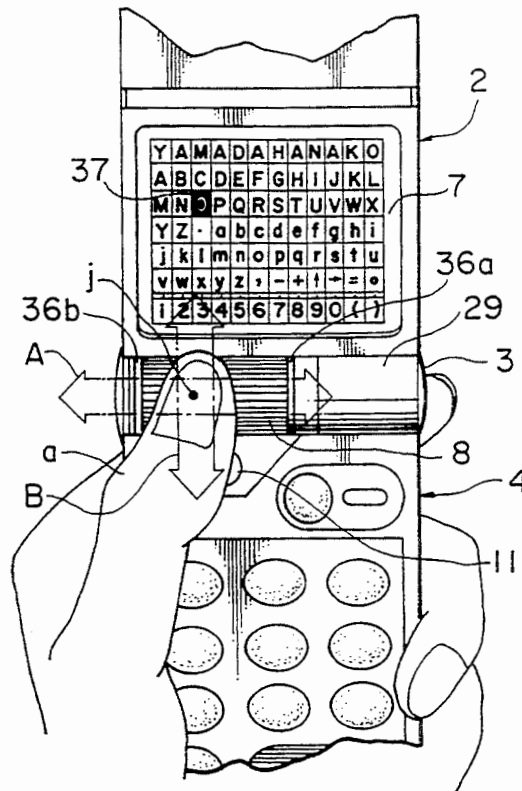
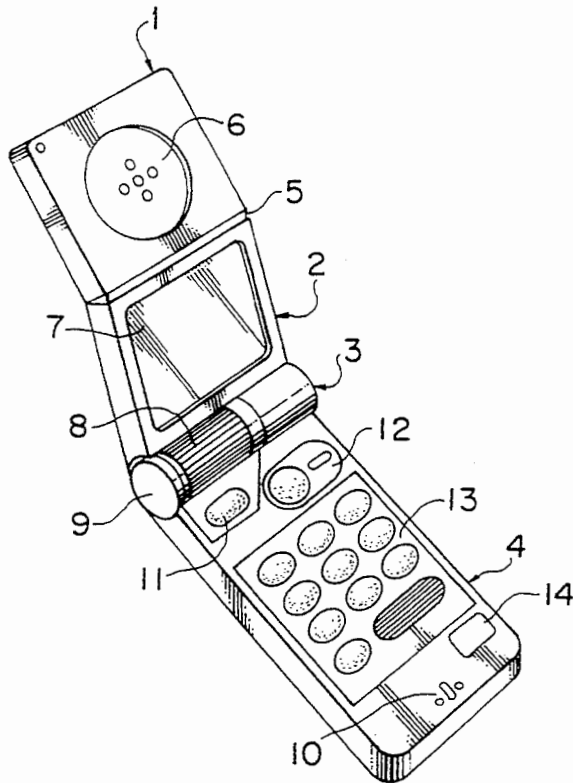


FIG. 1

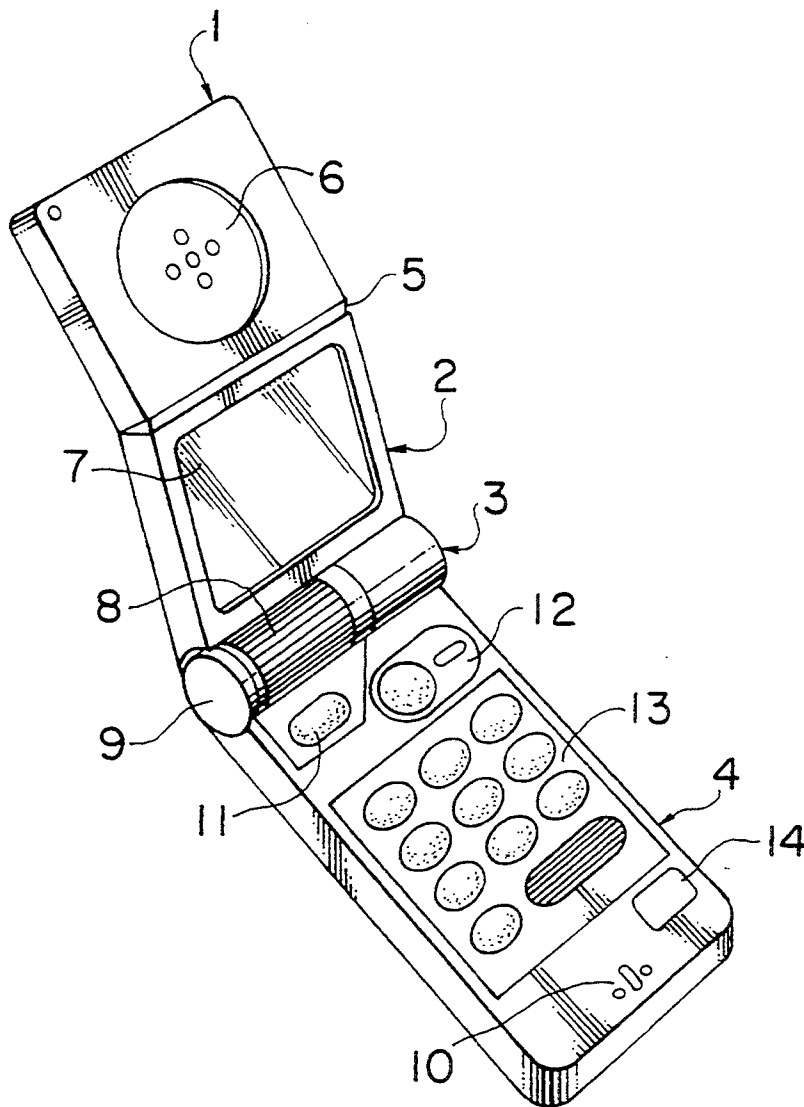


FIG. 2

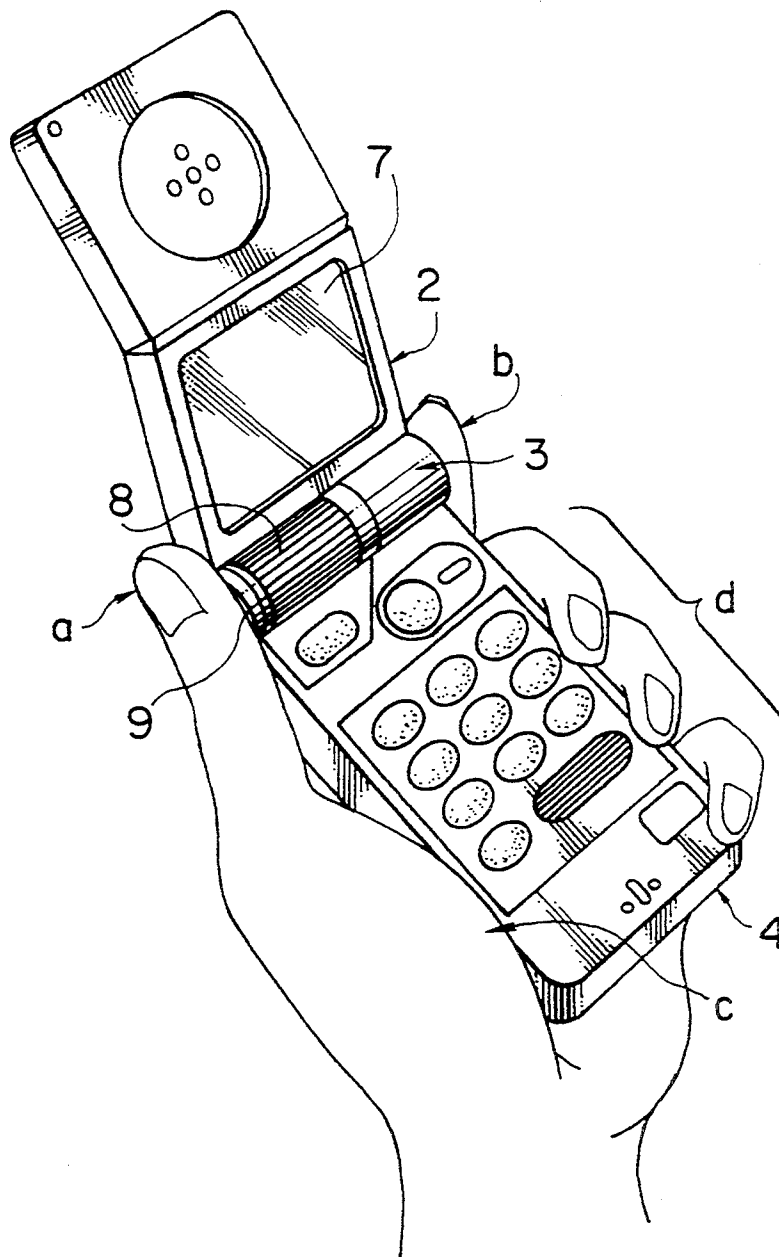


FIG. 3

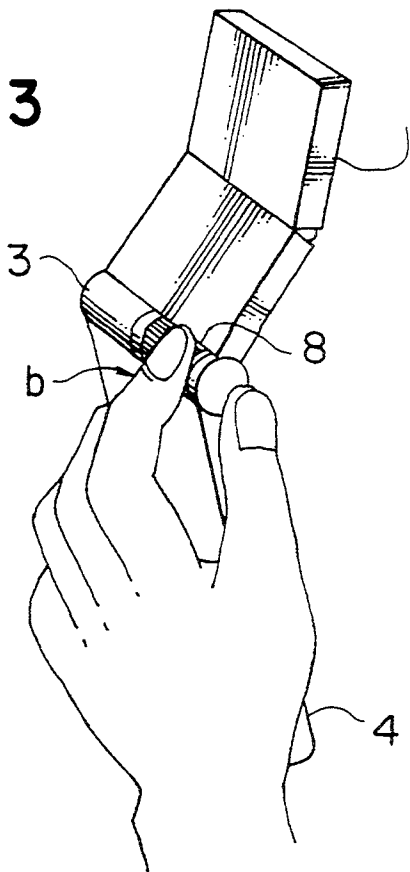


FIG. 5

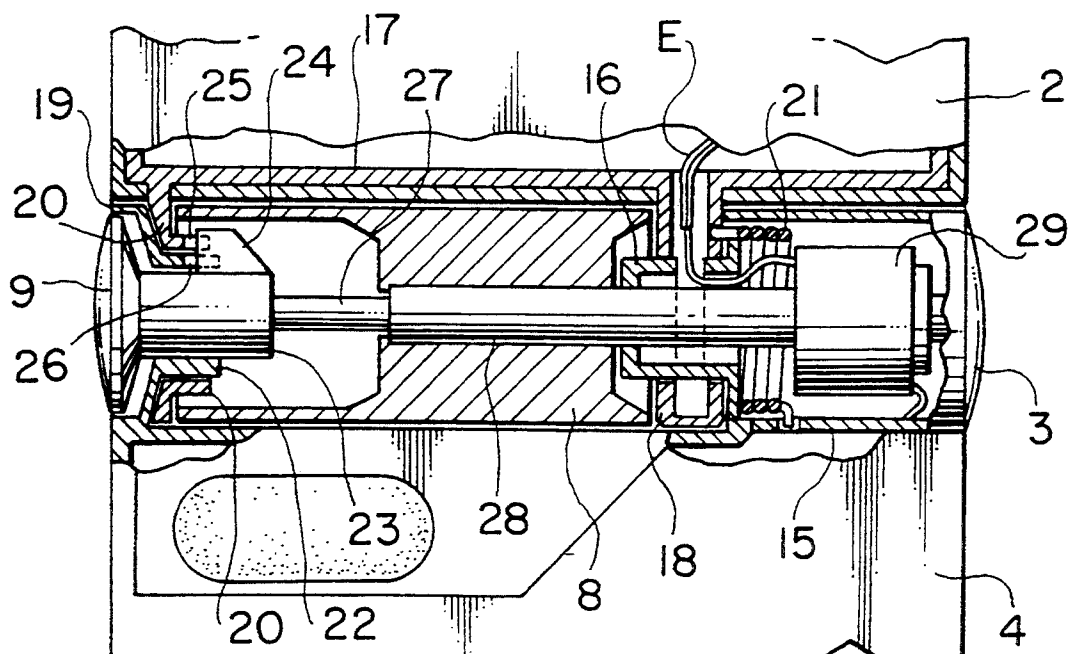
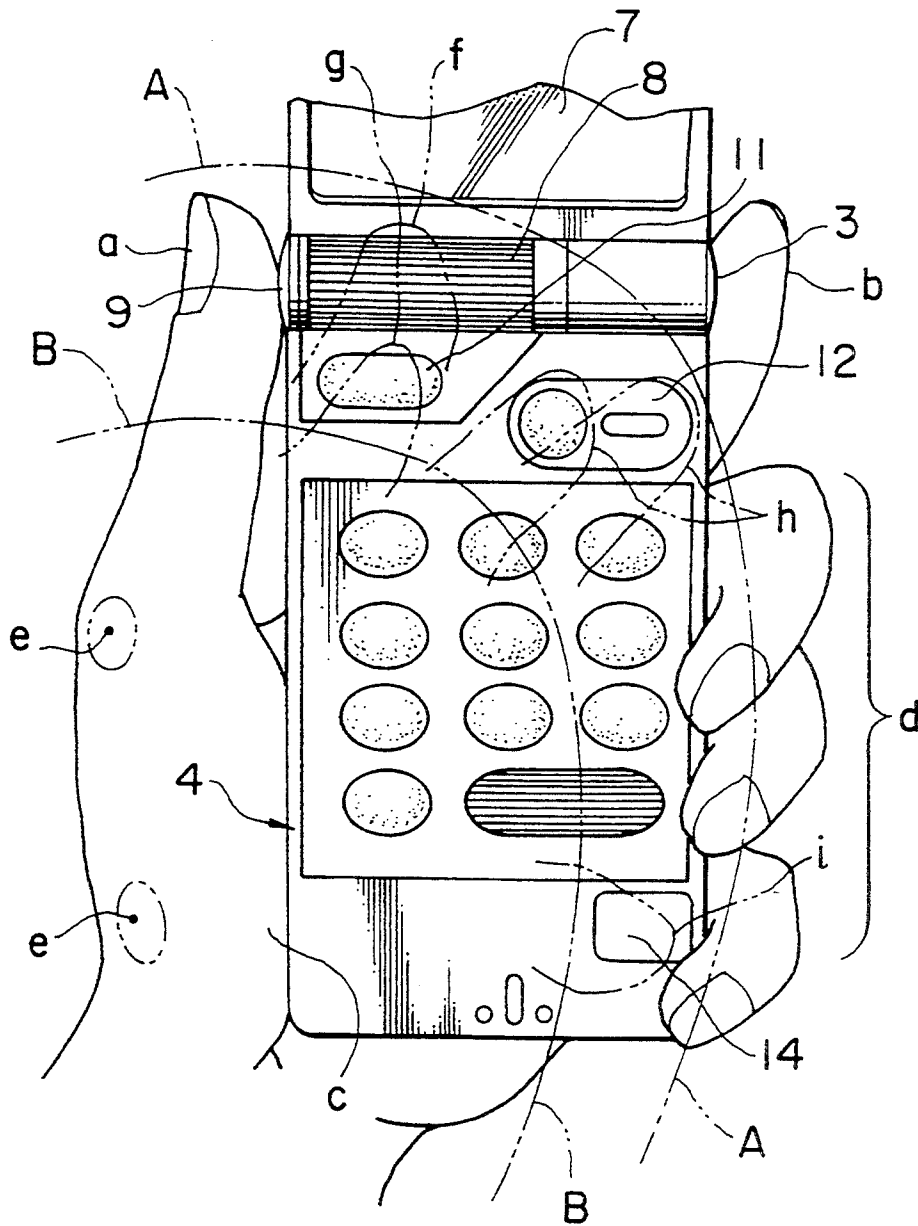


FIG. 4



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