

(12) **United States Patent**  
Lin

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(54) **PORTABLE COMPUTER WITH AN LCD WHICH CAN BE ROTATED WITHIN 360 DEGREES**

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(75) Inventor: **Wen-Cheng Lin**, Ping-Chen (TW)

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(73) Assignee: **Arima Computer Corp.**, Taipei (TW)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/457,076**

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*Primary Examiner*—Lynn D. Feild  
*Assistant Examiner*—Michael Datskovsky  
(74) *Attorney, Agent, or Firm*—Winston Hsu

(30) **Foreign Application Priority Data**

Oct. 20, 1999 (TW) ..... 88118148 A

(51) **Int. Cl.<sup>7</sup>** ..... **G06F 1/16**

(52) **U.S. Cl.** ..... **361/681; 361/679; 361/683; 364/708.1; 312/223.1; 345/905**

(58) **Field of Search** ..... 361/680, 681, 361/683, 679, 687; 364/705.01, 708.01; 312/223.1, 223.2; 345/905; 248/917; 16/342, 366, 378, 379, 354, 321, 341

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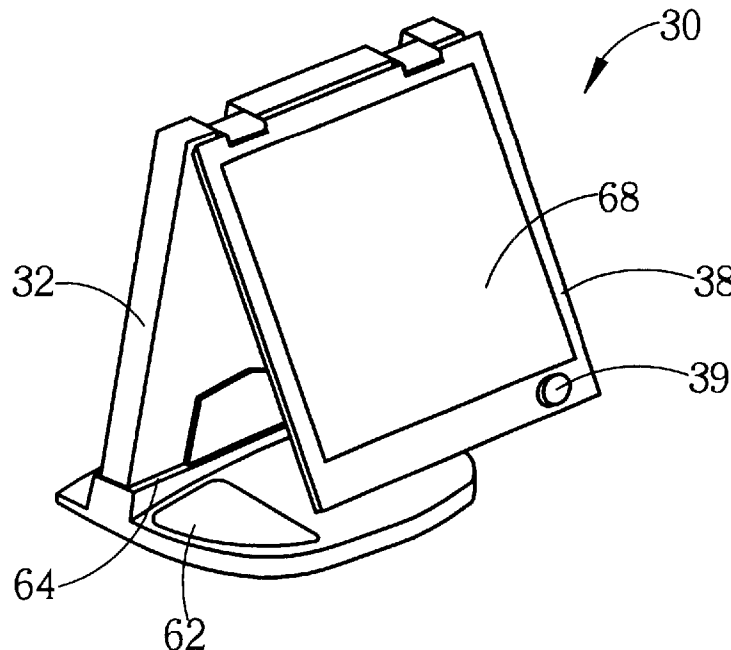
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(57) **ABSTRACT**

A portable computer comprises a machine body approximately rectangular in shape comprising a front end, a rear end, a top face and a bottom face; a liquid crystal display approximately rectangular in shape comprising an upper end and a lower end; and a connecting device comprising a front end and a rear end. The front end of the connecting device is fixed to the rear end of the machine body in a rotatable manner, and the rear end of the connecting device is fixed to the lower end of the liquid crystal display. The connecting device enables the liquid crystal display to be folded upon the top face of the machine body by a forward rotation or upon the bottom face of the machine body by a backward rotation.

**11 Claims, 6 Drawing Sheets**



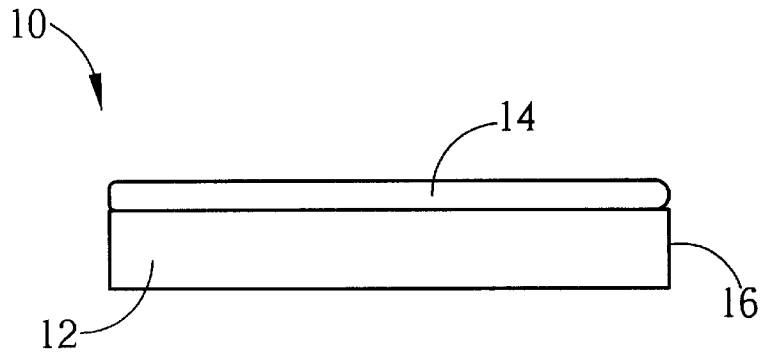


Fig. 1 Prior art

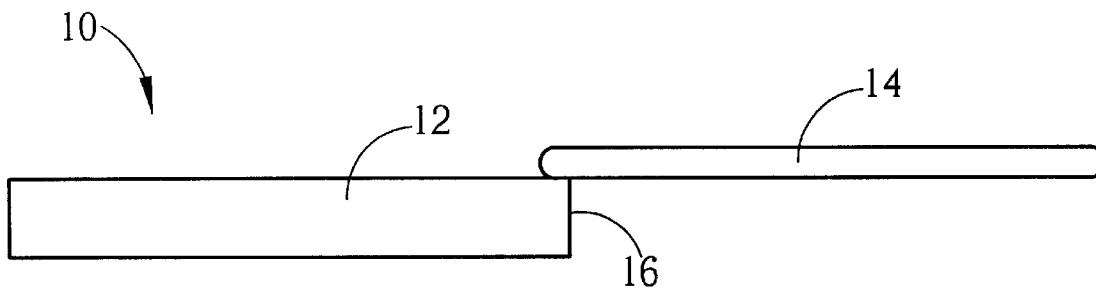


Fig. 2 Prior art

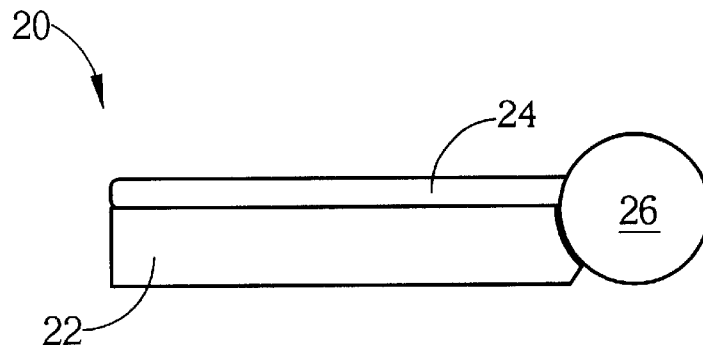


Fig. 3 Prior art

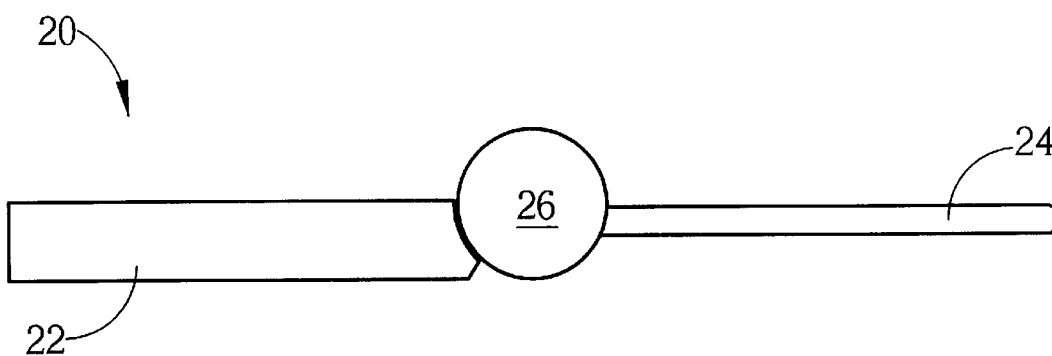


Fig. 4 Prior art

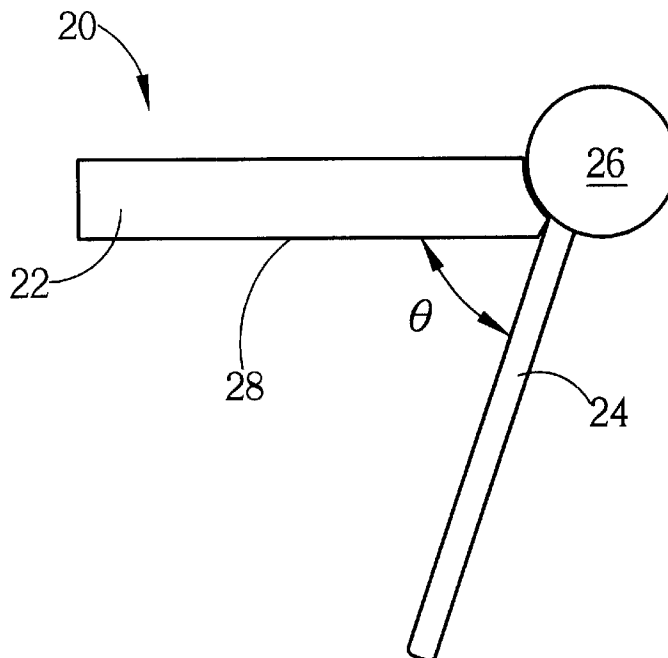


Fig. 5 Prior art

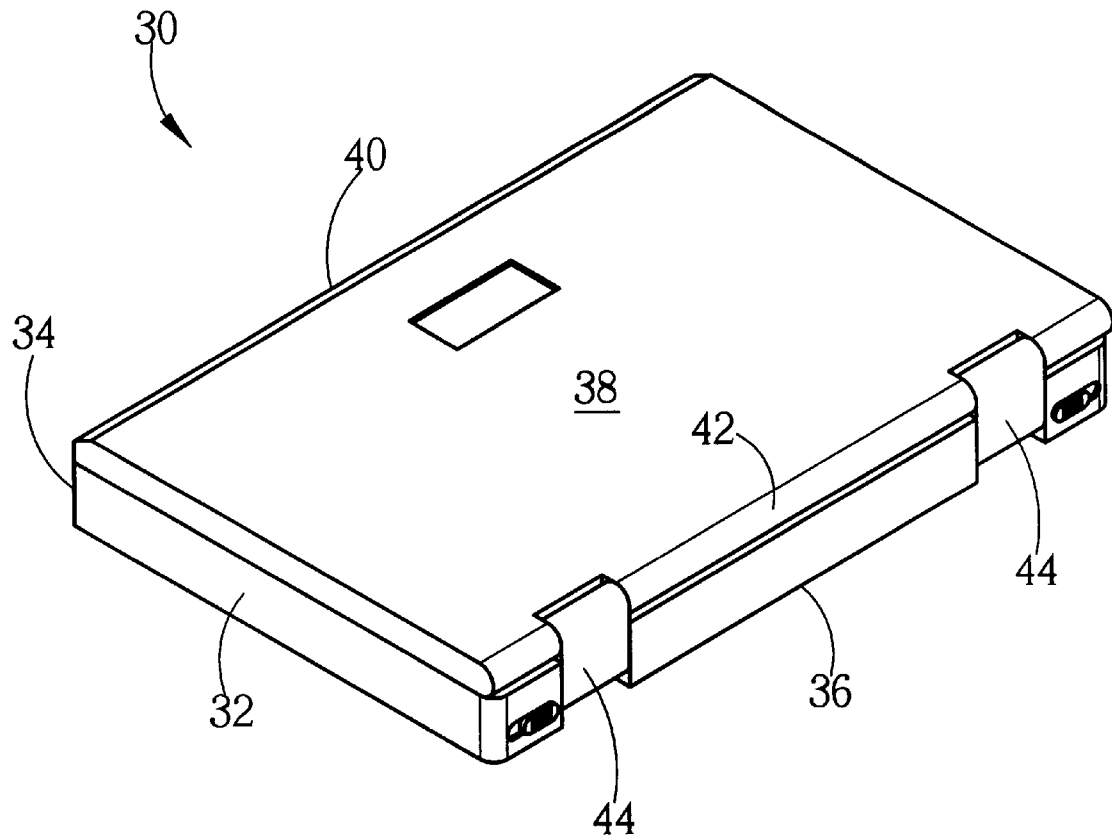


Fig. 6

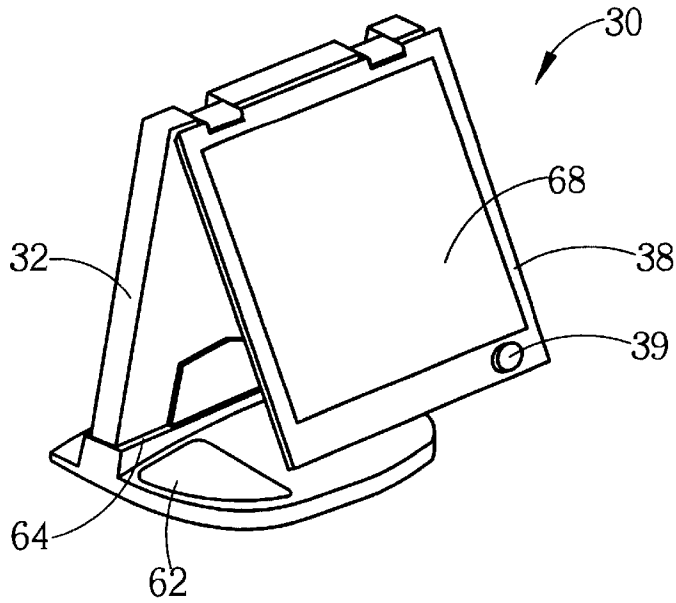


Fig. 7

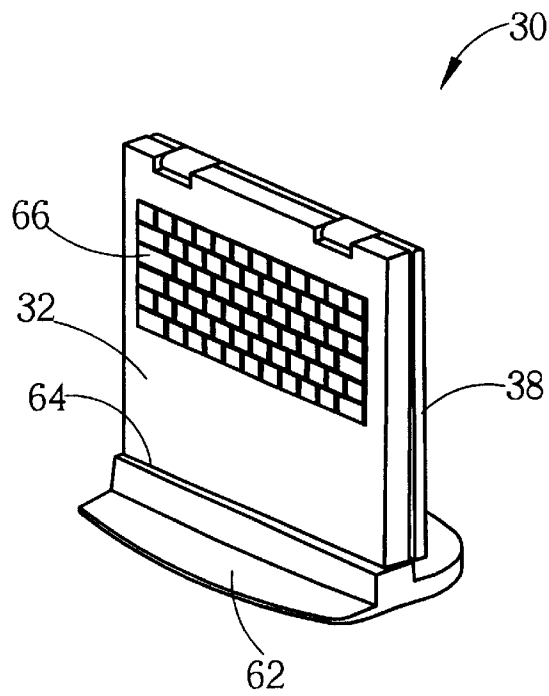


Fig. 8

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