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(12) **United States Patent Sellers**

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(54) **PORTABLE COMPUTER SYSTEM INCORPORATING A REAR PROJECTION DISPLAY**

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(73) **Assignee: Compaq Computer Corporation, Houston, TX (US)**

(*) **Notice: Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.**

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(58) **Field of Search 348/744, 745, 348/755, 756, 790, 836, 838, 904; 345/87, 905; 353/102, 122, DIG. 5, DIG. 3, 120, 119; 364/231.1, 708.1**

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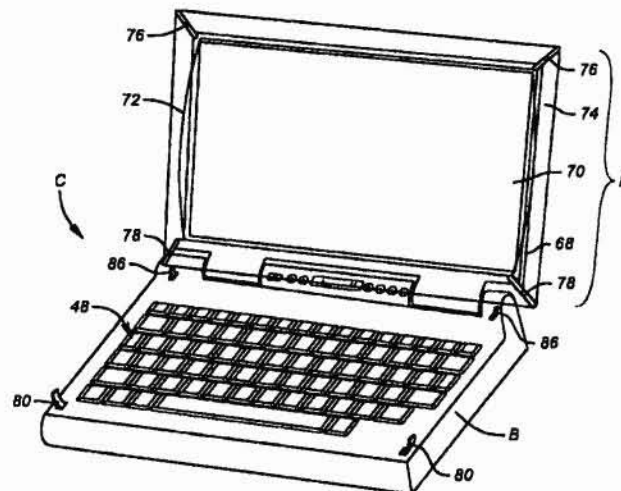
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(57) **ABSTRACT**

A portable computer system incorporating a rear projection display. The rear projection display is housed in a display enclosure that is movable between an open and closed position, and incorporates either a pliable or deformable projection surface or a projection surface formed of multiple rigid components. When the display enclosure is open, the projection surface is configured to expand beyond the form factor dimensions of the base portion of the portable computer. In the preferred embodiment of the invention, the projection surface is a pliable material that can be safely deformed or collapsed within the display enclosure when it is closed. The rear projection display thereby allows the effective viewing area of a portable computer display to be increased without negatively impacting the form factor dimensions or weight of the portable computer.

7 Claims, 5 Drawing Sheets



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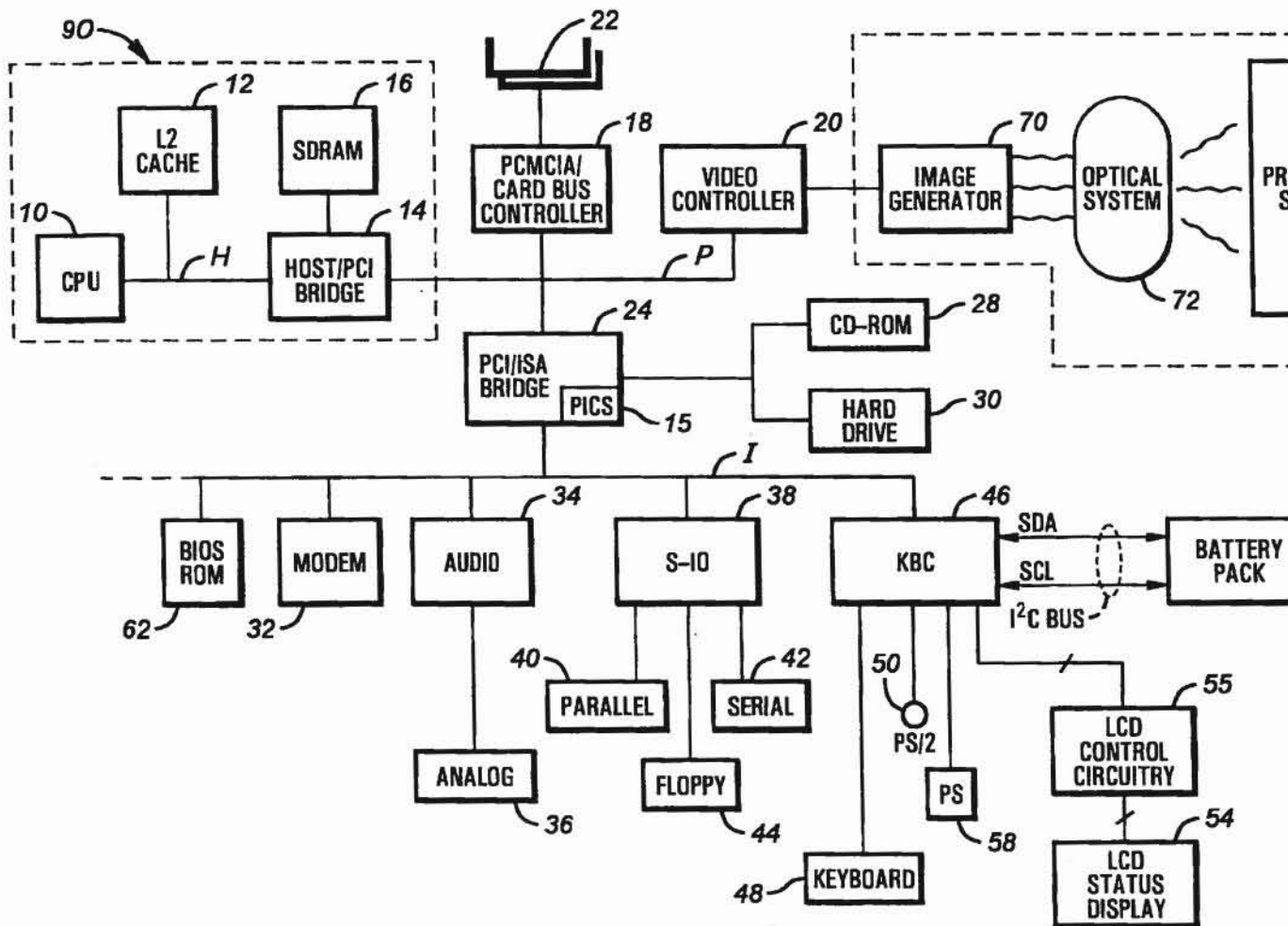


FIG. 1

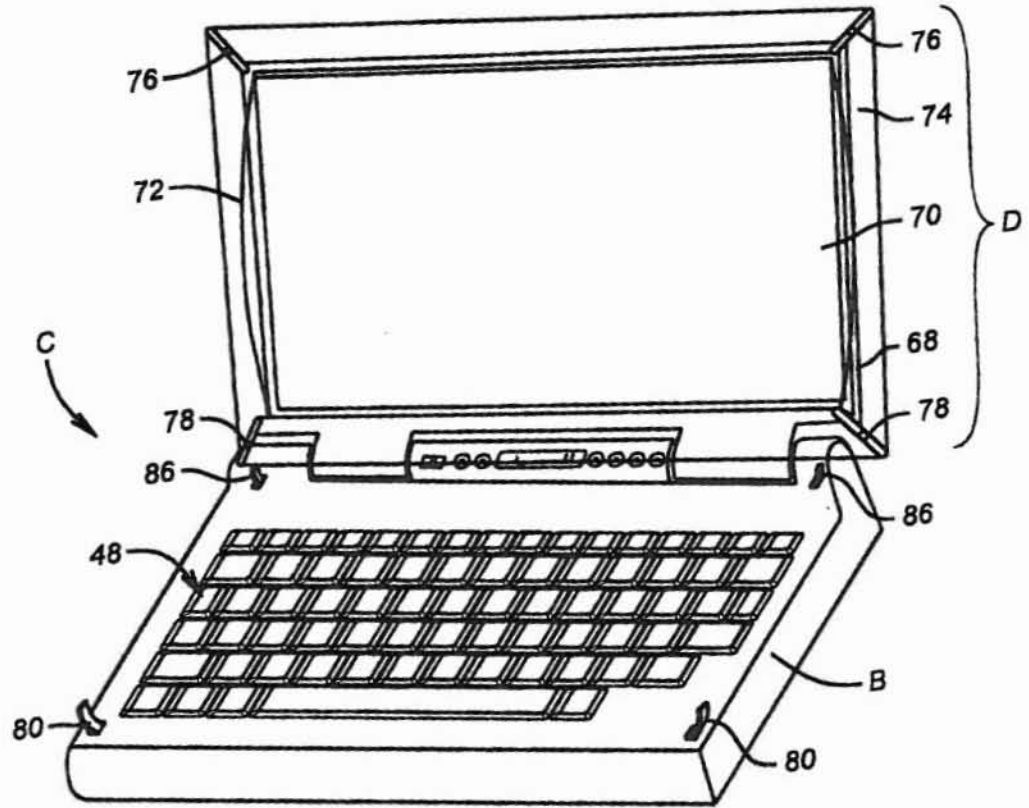


FIG. 2

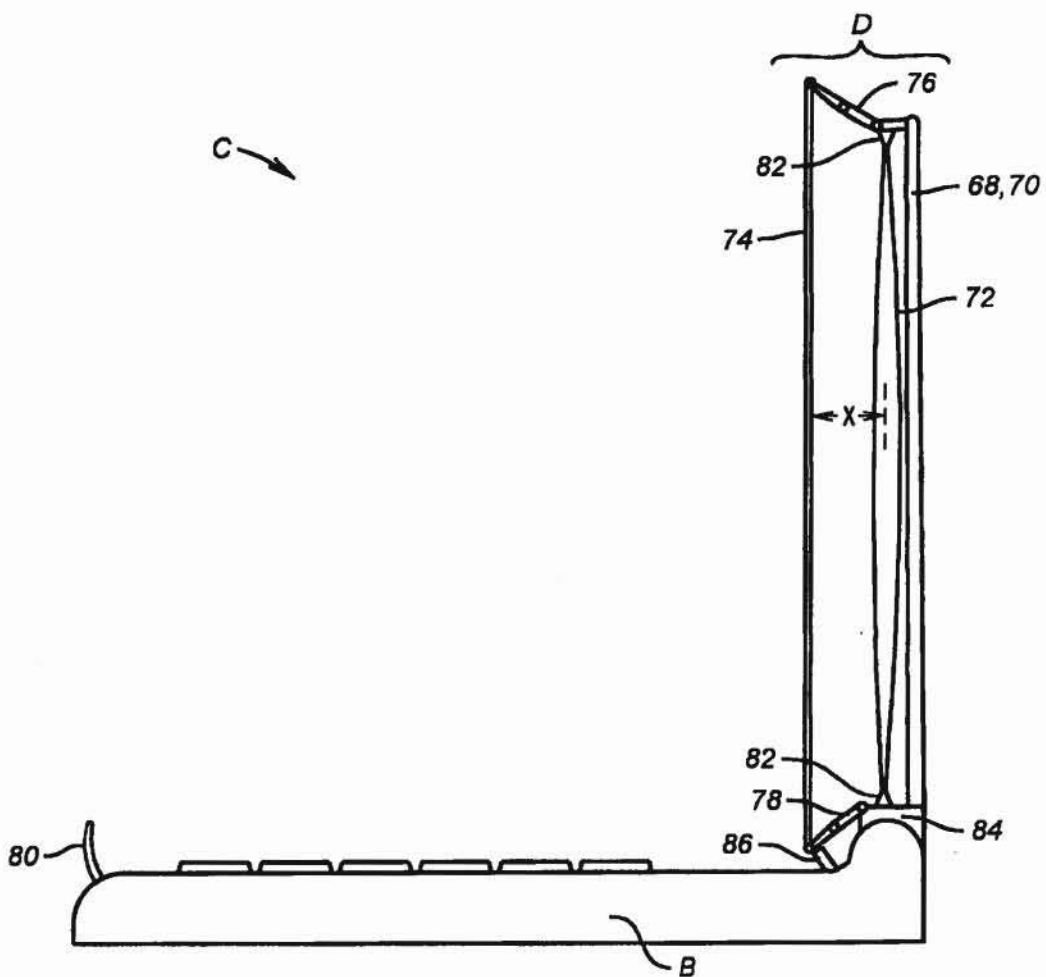


FIG. 3

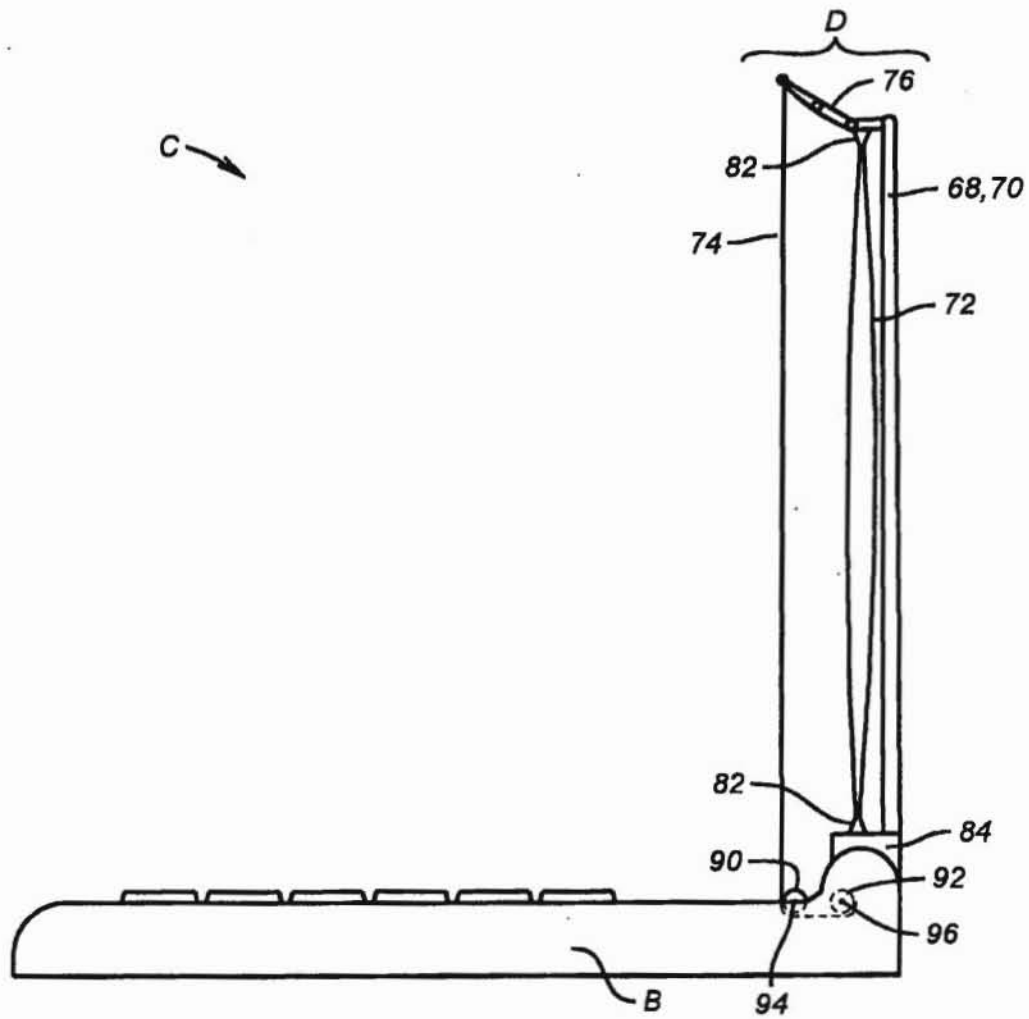


FIG. 4

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