

## **DUAL-DIRECTIONAL HINGE**

### **ABSTRACT**

A dual-directional hinge for a portable device with a body (20) and a monitor (60) such as a mobile phone, a notebook computer or a PDA is disclosed. The hinge is composed of a first supporting member (10), a second supporting member (40), a seat (50), a vertical axle (30), and a horizontal pintle (53). The first supporting member (10) is mounted on the monitor (60), and is rotatably mounted on the second supporting member (40) by the vertical axle (30). The second supporting member (40) and the seat (50) are rotatably mounted on the body (20) by the horizontal pintle (53). Thus, the monitor (60) can be turned about the horizontal pintle (53) to be raised from the body (20), and can be turned left or right about the vertical axle (30) to change the horizontal viewing angle.

Fig. 1