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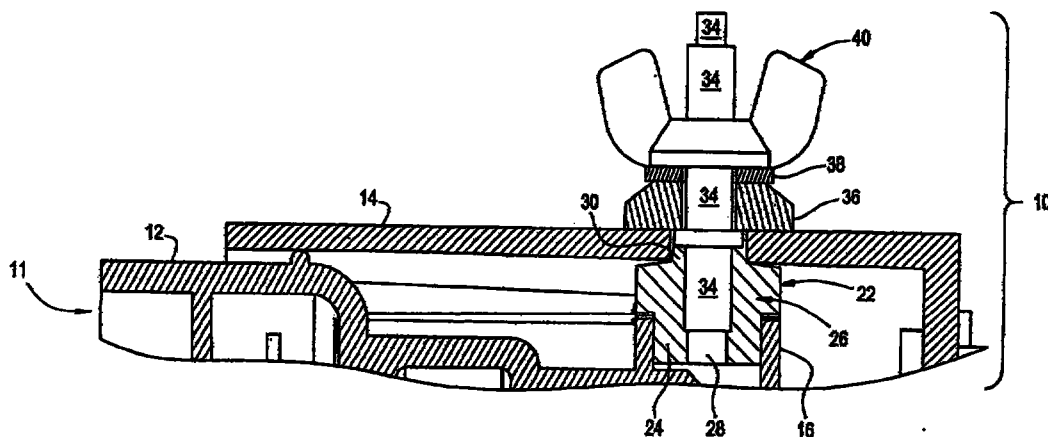
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(54) Title: FOCUS POSITION LOCK DEVICE FOR PROJECTION TELEVISION



(57) Abstract

An apparatus (10) for locking a focus position of a lens assembly without causing the lens cell (12) to tilt, comprising: a spacer (22) interposed between the lens cell (12) and the focus mount (14). The spacer (22) is received into a sleeve (16) that is integral with the focus mount (14). The sleeve (16) projects radially outward from the focus mount (14) such that the spacer (22) can be raised and lowered radially with respect to the focus mount (14). The spacer (22) has a cylindrical body (24) with a radial flange (26) at one end. Moreover, the spacer (22) has two ridges that extend downward from a lower surface of the flange (26), each of which is received into a corresponding groove on the sleeve (16), thus, preventing the spacer (22) from rotating within the sleeve (16). The spacer (22) also has an upwardly raised rim (30) extending from an upper surface of the flange (26). The rim (30) is slidably secured into a slot of the focus mount (14), which prevents lateral movement of the spacer (22). Further, a bolt (34) is coupled to an opening (28) within the spacer (22), such that one end of the bolt (34) is disposed and secured within the spacer (22) and the other end of the bolt (34) extends radially outward through the slot of the focus mount (14).