



CHANNEL SELECTOR FOR MULTIPLE CHANNEL SIGHT

ABSTRACT OF THE DISCLOSURE

The invention may include a channel selector for a multiple channel sight. In accordance with one embodiment of the invention, a channel selector may include a support (260) for mounting a deflecting surface (250). A pivot assembly (264) may be coupled to the support (260) to provide an axis of rotation (262). The pivot assembly (264) may include opposed recessed ends (272). A ball (274) may engage each of the opposed recessed ends (272). A holder assembly (276) may engage each of the balls (274). Each holder assembly (276) may include a recessed end (272). At least one of the holder assemblies (276) may be adjustable along the axis of rotation (262) of the support (260) to control a shifting torque of the support (260). In another embodiment of the invention, a pivot shaft (118) may be fixably coupled to a support (114) to provide an axis of rotation (116). The pivot shaft (118) may include opposed ends (120). A frame (110) may include a trough (122) to receive each of the ends (120) of the pivot shaft (118). The troughs (122) may extend in alignment with one another on opposite sides of an aperture (112) of the frame (110). A plate (128) may be coupled across each trough (122). Each plate (128) may contact one of the ends (120) of the pivot shaft (118) to control a shifting torque of the support (114) relative to the frame (110).