ADJUSTABLE SUPPORT ARM

ABSTRACT

An adjustable support arm capable of providing users with a wide range of height, depth, tilt, and swivel options. The adjustable support arm may comprise an arm assembly releasably mounted to a base assembly. In further embodiments, the adjustable support arm may also comprise an articulating joint connected to the arm assembly, and an accessory bracket assembly connected to the articulating joint. A quick-release joint comprising a spring-loaded pivot latch may be utilized to releasably connect the arm assembly to the base assembly. To dampen side-to-side movement of the arm assembly, the adjustable support arm may also comprise a friction cartridge assembly comprising a taper-lock bushing and one or more set screws. A ring-shaped, adjustable panning insert can be coupled to the arm assembly to restrict the range of side-to-side motion of the support arm. The adjustable arm can further comprise a quick-release accessory fastening mechanism for easy removal and attachment of a mounted object (e.g., an electronic display, keyboard, or other item) to the support arm.

Figure 8A