FLEXIBLE CLAMPING APPARATUS FOR MEDICAL DEVICES

Abstract of the Disclosure

A mounting apparatus (3) of the present invention is used in a medical environment to releasably secure a device (5) to a support member (S; R; PS). The mounting apparatus (3) has a flexible shaft (43; 125; 139; 279) with a first end (45; -; -; 275) for releasable attachment to the support member (S; R; PS) and a second end (47; 131; -; -) for releasable attachment to the device (5). A generally C-shaped clamping member (41; 217; 273) at the first end (45; -; -; 275) releasably attaches the apparatus (3) to the support member (S; R; PS). The clamping member (41; 217; 273) has an inner surface (161; -; 317), an outer surface (165; 225; 301), and at least two apertures including a first aperture (177, 199; -; -) through which a securing rod (51) passes and a second aperture (179; -; 315) for releasable attachment of the flexible shaft (43; 125; 139; 279). The present invention is also directed to a powered medical device assembly (1) having a medical device (5) and a flexible shaft (43; 125; 139; 279) capable of selective mounting of the medical device (5) on a support (S; R; PS).

Figure 1.