

QUICK ATTACH/RELEASE ADAPTER MECHANISM

Abstract of the Disclosure

An eyepiece adapter mechanism for providing a quick positive engagement to an interfacing instrument such as a B-styled endoscope. The adapter mechanism comprises a rigid back plate for providing a permanent attachment for the mechanism. A C-clip retainer positioned within a circumferential chamber of the back plate acts as a locking ring under the elastic force of the C-clip material itself to provide a grip around the interfacing instrument when installed into the back plate. An outwardly protruding portion of the C-clip, acting as a lever, releases the interfacing instrument when the lever is moved toward a fixed post located a predetermined distance from the lever to facilitate single handed operation. An alternate embodiment provides a quick attach/release adapter without an eyepiece and employing a C-clip retainer.

FIGURE 1