

CLIP ADVANCER MECHANISM WITH ALIGNMENT FEATURES

ABSTRACT OF THE DISCLOSURE

A surgical clip applier and methods for applying surgical clips to a vessel, duct, shunt, etc., during a surgical procedure are provided. In one exemplary embodiment, a surgical clip applier is provided having a housing with a trigger movably coupled thereto and a shaft extending therefrom with opposed jaws formed on a distal end thereof. The trigger is adapted to advance a clip to position the clip between the jaws, and to move the jaws from an open position to a closed position to crimp the clip positioned therebetween. The surgical clip applier can include a variety of features to facilitate use of the device, including features to align a clip with the jaws, features to prevent unintentional migration of a clip, and features to prevent clip fallout during formation.

Figure 1A