ABSTRACT

NEEDLE CAPTURE SAFETY INTERLOCK FOR CATHETER

A catheter assembly comprising: a flexible catheter; a catheter hub; a needle having a sharp distal tip, the needle disposed in the flexible catheter and moving from a first position that exposes the needle to a second position; an outer member that is configured to engage and disengage the catheter hub; an inner member engaged to and movably disposed in the outer member; and a needle protection member that encloses at least a portion of the needle when the needle is in the second position; wherein when the needle is moved to the second position, the inner member axially moves relative to the outer member to allow the outer member to disengage from the catheter hub.

FIG. 18