SYRINGE FILLING AND DELIVERY DEVICE

Abstract

A fluid transfer device for accessing fluid from vials and ampoules includes a cannula assembly including a cannula having a lumen therethrough connected to a hub having an open proximal end. A filling straw includes a housing at its proximal end, a needle portion at its distal end and a shaft portion therebetween. The housing includes a cavity in its proximal end in fluid communication with a passageway running through the filling straw. A cutting edge is provided at the distal end of the needle portion for piercing a vial stopper. The cannula assembly is removably engaged with the housing so that the open proximal end of the hub is in fluid communication with the passageway of the filling straw. An elongate shield having an open proximal end and a recess therein is removably connected to the straw so that the shaft portion and the needle portion of the straw are contained within the recess.

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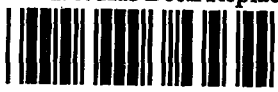
This Sheet Has Been Replaced