ABSTRACT OF THE DISCLOSURE

Safety Hypodermic Syringe With Retractable Needle Carrier

A safety hypodermic syringe with retractable needle carrier is disclosed. The syringe of the present invention comprises a barrel, a plunger, a needle carrier and a needle cap. Several engagement members are provided on the outside of the needle carrier, and several engagement members are provided on the inside of the plunger; the engagement members of the needle carrier may engage with the engagement members of the plunger so that the needle carrier may be securely held at the distal end of the barrel. Several positioning members are provided on the inner side of the needle carrier, and several positioning members are provided on the distal end of the plunger; the positioning members of the needle carrier may engage with the positioning members of the plunger so that the needle carrier may be connected with the plunger. A break-apart member and a neck portion allow a user to break the plunger apart. Hence, a user may first use the plunger to position the needle carrier in place, administrate an injection, pull the plunger backwards to retract the needle carrier and keep the needle carrier inside the barrel so that no person will have a direct contact with the hypodermic needle.

(FIG. 1)