

ABSTRACT**RETRACTABLE UNIVERSAL SAFETY SCALPEL**

5 A retractable universal safety scalpel comprising a handle having a proximal section and a distal section with a longitudinally extending bore defining a housing; a blade carrier element having mid-section, proximal end and a distal end on which is secured a blade slidably mounted within said housing being capable of getting exposed from the end of distal section of said housing; first and
10 second slider elements secured to said blade carrier element through a recess formed in the said handle extending from the forward end closer to the said opening to the rear end closer to the distal section of the said handle in a slidable arrangement with the said housing and extending externally in an axial direction of said housing to move said blade carrier moving the said blade from an un-
15 exposed pre-use position to an exposed in-use position and to an after-use position capable of covering and locking permanently the said blade member completely within the said housing of the said handle; a plurality of locking means is provided in the said housing to enable locking of the blade in an un-exposed pre-use position to an exposed in-use position and to an after-use position
20 capable of covering and locking permanently the said blade member wherein the said housing being provided with lock cooperating mechanisms at three positions thereon corresponding to pre-use, in-use and post-use disposal stages, said lock cooperating mechanisms cooperating with the respective locking means provided thereon.

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(Fig. 1)