ABSTRACT

LANCET ASSEMBLY

A lancet assembly having a lancet holder and a triggler enclosing a lancet structure. The triggler is partially inserted into a lancet holder from the distal end. The holder is provided with a rigid internal spring holder to receive the spring-loaded lancet structure. The lancet structure is provided with a body coupled to a spring which extend from the proximal end of the body. The spring has a linear axis of compression which coincide with the longitudinal axis of the lancet assembly. A lancet is attached to the body with the sharp tip pointing towards the distal end. The triggler interacts with the lancet holder via a triggering means to maintain the spring in a compressed state such that the lancet structure is in a stable standby position which is not easily triggered by accidental bumps on the assembly.

FIGURE 3A