

ABSTRACT

WEAPON AIMING SYSTEM

The day/night weapon sight comprises a red dot aiming portion (10) having a light emitting diode (12), a combining mirror (14), and an apparatus for mounting the LED (12) and the mirror on a weapon (20) to produce a virtual image of the LED (12) at an infinite distance in alignment with the bore sight of the weapon (20), and a removable night vision portion (30) having an objective lens (34), an eyepiece (32), and an image intensification tube (36) for intensifying a received image intermediate the objective lens (34) and the eyepiece (32), wherein the virtual image is visible to the operator at night through the eyepiece (32), and the night vision portion (30) is removed for use of the red dot aiming portion(10) during the day.

(Figure 1)