

ABSTRACT

NIGHT VISION SCOPE WITH IMPROVED VOLTAGE SUPPLY

A night vision scope (10) which includes an improved voltage supply (24). A battery (50) generates a voltage which is proportionally increased by a voltage step-up circuit (52) to provide a voltage to an image intensifier (20) and an infrared light source (16) of the night vision scope (10). The voltage supply (24) includes circuitry (56) for limiting the voltage output of the voltage supply circuit (24) if a battery (50) is used which generates a voltage greater than that required by the elements of the night vision scope (10).

(Figure 1A)