

AMMUNITION COUNTER

ABSTRACT

5 An ammunition counter for attachment to a weapon for the tracking of
the rounds fired or miss fired by the weapon. The device consists of sensors,
a micro-controller, a display of a counter, memory stick for batch data storage
and wireless data transmission to a computer network for real time data link
between the user of the rounds, counter and the command centre, and it is
10 able to detect the firing or miss firing of live rounds or blanks. Each time when
a live ammunition is fired, there are signals including acoustic, thermal, light
signals followed by a recoiled force due to the firing of the ammunition. This
invention utilizes these characteristics and the correct sequence of the signals
and the timing between signals associated to the firing of live ammunitions to
15 determine and account for the number of ammunitions expended.

Figure 3 accompanies the abstract.