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(54) Title: SYSTEM AND METHOD FOR ZEROING OF SMART AIMING DEVICE

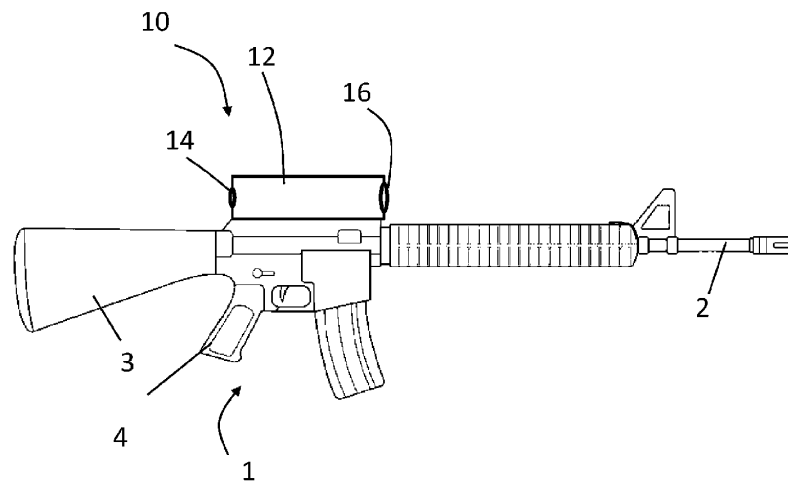


Fig. 1A

(57) Abstract: A smart aiming device includes an image sensor, a processor, and an adjustable reticle. A method of zeroing the smart aiming device includes: activating a dedicated zeroing mode; shooting at least one bullet on a zeroing target while aiming the firearm on the target using the reticle to determine an expected point of impact of the bullet on the zeroing target; imaging the zeroing target with the image sensor; identifying a location of at least one bullet hole formed by the bullet on the target, and calculating a distance between each bullet hole and the expected point of impact; and adjusting a location of the reticle respective to the bore of the firearm based on the calculated at least one distance, to thereby indicate a zeroed point of impact on the target on which a subsequent bullet shot from the firearm is expected to impact.

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