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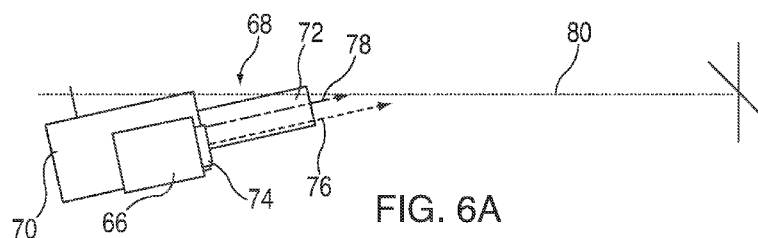
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(54) Title: TRAINING DEVICE FOR GRENADE LAUNCHERS



(57) Abstract: A laser-based system is useful for training soldiers in the operation and use of a grenade launcher. The system comprises a training assembly rotatably attached to the body of a grenade launcher and at least one sensor to detect laser energy at a target site. The training assembly comprises a housing; a variable output laser; a shaft extending through the housing to the body of the grenade launcher; a motor within the housing that engages the shaft and is capable of causing the housing to rotate about the shaft; at least one sensor to detect rotation of the housing, trigger pull, and/or gravitational direction; and a control unit operationally connected to the laser, the at least one sensor, and the motor. The training assembly rotates from the elevation of the launcher barrel to the elevation of the target site to generate a burst of laser energy at sensors at the target site.

