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(71) Applicant (for all designated States except US): **KMS CONSULTING LLC** [US/US]; 14 Cottagewood Lane, Kennebunk, Maine 04043 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MARTINEZ, Marce-
lo, Edgardo** [AR/AR]; Lincoln 38, 5152 Carlos Paz, Cor-
doba (AR).

(74) Agent: **MILDE, Karl, F., Jr.**; Eckert Seamans Cherin &
Mellott, LLC, U.S. Steel Tower, 600 Grant Street-44th
Fl., Pittsburgh, PA 15219-2788 (US).

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(54) Title: ROLLING PROJECTILE WITH EXTENDING AND RETRACTING CANARDS

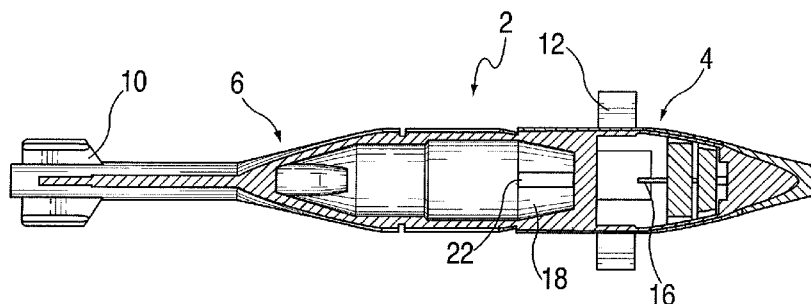


FIG. 1

(57) **Abstract:** A slow rolling projectile comprises a projectile body has a forward section and a rear section and having a longitu-
dinal axis. Two or more canards in the forward section are capable of being extended from and retracted into the projectile body at
predetermined frequencies and/or for predetermined times. Two or more tail fins in the rear section are fixed coextensive to or at
an angle to the longitudinal axis, and an actuator extends and retracts the canards. The canards are capable of being extended and
retracted at a rate based on the rotation of the projectile sufficient to correct for lateral movement. A GPS or INS navigational sys-
tem activates an actuator to extend and retract the canards.