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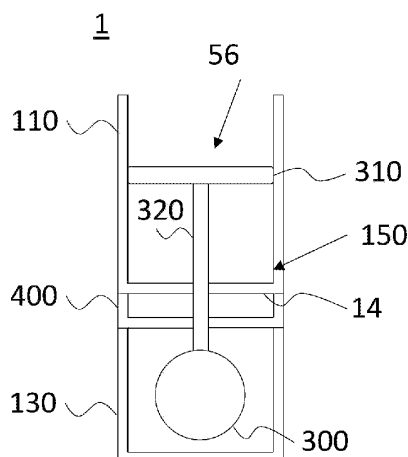


FIG. 1

(57) Abstract: An engine may be configured to have a piston reciprocate in a cylinder in which blow-by gases pass from a combustion chamber in the cylinder to an area external to the cylinder. The piston may be connected to a rod configured to reciprocate in a linear path. The engine may comprise a gas exchange chamber configured to trap the blow-by gases in a space between the cylinder and a chamber housing an actuator connected to an end of the rod.



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