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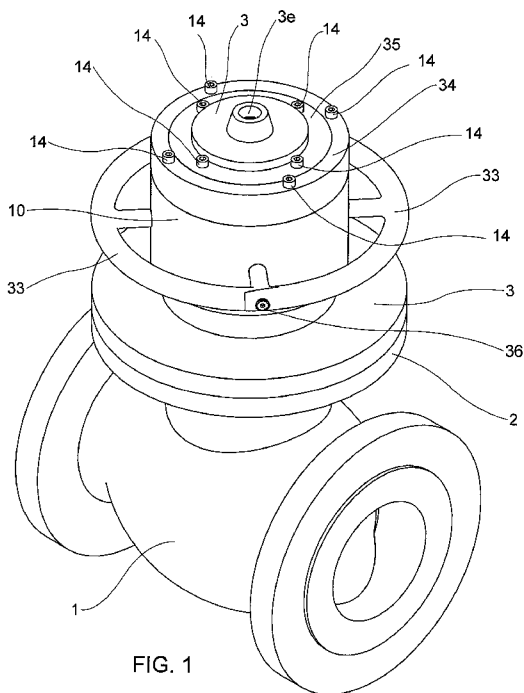


FIG. 1

(57) Abstract: A valve assembly comprising an adapter plate assembly comprising an adapter plate, a bonnet with a center and a threaded shaft extending through the center of the bonnet; an actuation assembly comprising an outer enclosure and an outer magnetic cartridge that is magnetically coupled to an inner magnetic cartridge; and an inner valve assembly comprising an inner enclosure and a planetary gear subassembly comprising one or more planetary gears.



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