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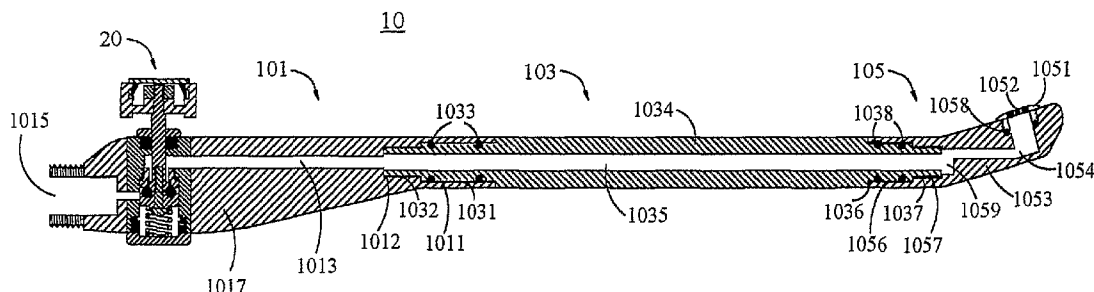
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(54) Title: MULTI-PURPOSE HAND HELD SPRAYER HAVING A VERTICAL SHUT-OFF VALVE



(57) Abstract: This invention relates to a hand held sprayer that delivers fluid with a solid stream or various patterns of multiple streams, comprising a controller, an extension bar, and a spray tip for multi-purpose usages. The controller incorporates vertical shut-off valve to control the flow from a pressurized inlet source to the outlet, wherein the vertical shut-off valve enables the user to get instant access of fluid supply by manually regulating a pushbutton. A movable stem assembly is engaged with a seat in the valve, being urged in a closed position by the pressures relieved from a compression spring and the inlet fluid. A bottom cover that support the compression spring is secured to a housing body with an O-ring to seal, and a top cover is adjustably placed to lock an O-ring for obtaining a sealing and an appropriate movement of the stem assembly.

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