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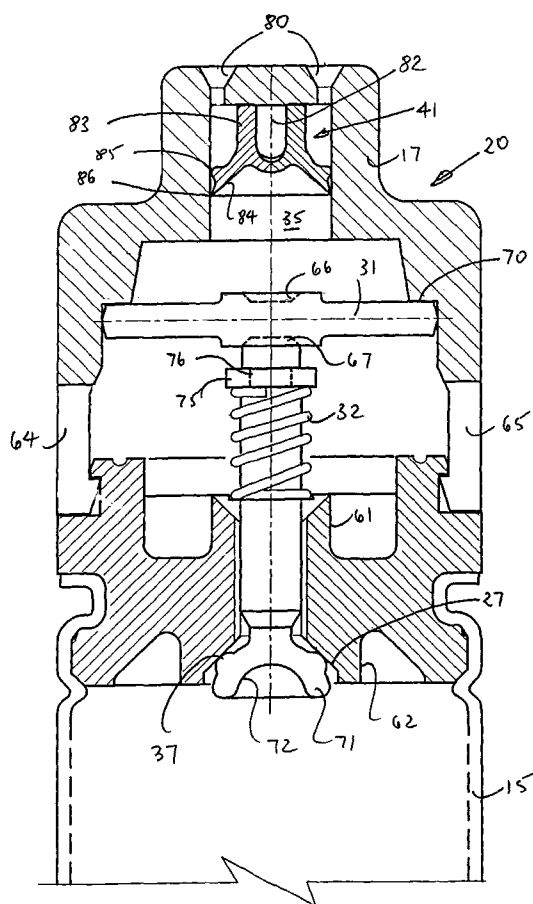
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(54) Title: PRESSURE REGULATING DEVICE FOR A PRESSURISED DISPENSING VESSEL



(57) Abstract: A pressure regulating device (10) for regulating pressure in a pressurised dispensing vessel (12), the device (10) comprising a cartridge (15) for storing pressurised fluid; the cartridge (15) being sealed by a cap assembly (20) having an expandable chamber and a flow passage and an actuating means in the cap assembly (20) to open and close the flow passage and an actuation means in the cap assembly (20) to actuate the closure member, wherein the actuation means operates in response to expansion of the expandable chamber; and a one-way valve (24) communicating the expandable chamber with the interior of the dispensing vessel (12) via an aperture (40) in the cap assembly (20), the valve (24) having a resilient chamber seal (35) in the expandable chamber extending across the aperture (40) and restrained by chamber wall so to allow fluid to enter through the aperture (40) and past the seal (35) to charge the chamber to a predetermined pressure difference below the pressure in the dispensing vessel, and wherein expansion of the chamber occurs when the pressure in the dispensing vessel (12) is lower than the pressure in the chamber.

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