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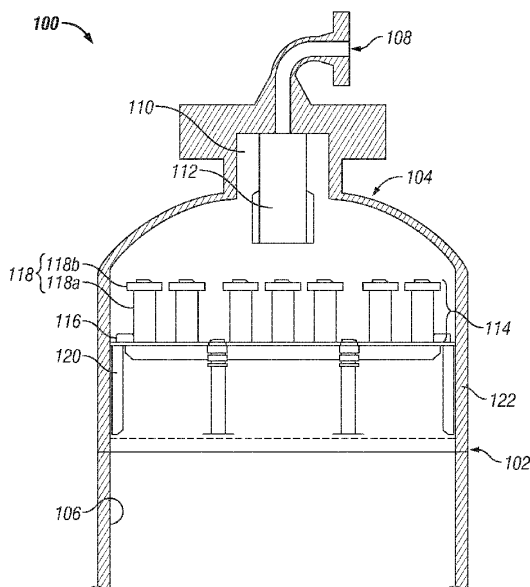


FIG. 1

(57) Abstract: A device for filtering and settling entrained particles from a gas feed stream, the device comprising a cylindrical v-wire filter element to filter the entrained particles, a cap located above the v-wire filter element comprising an outer surface, an under surface, and a downward rim attached to a perimeter of the under surface, and an open annulus area located between and in fluid communication with an open top portion of the v-wire filter element and the under surface of the cap.

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