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(54) Title: INLET ASSEMBLY FOR AN ABATEMENT APPARATUS

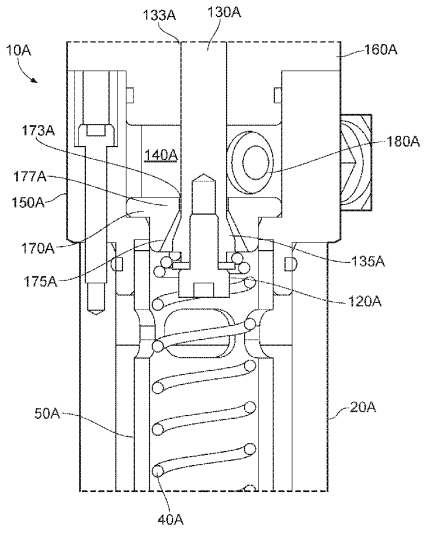


FIG. 2

(57) Abstract: An inlet assembly for an abatement apparatus for treating an effluent stream from a semiconductor processing tool is disclosed. The inlet assembly comprises: an effluent stream inlet configured to convey the effluent stream to a nozzle conduit for delivery to an abatement chamber; a nozzle conduit scraper assembly having a nozzle conduit scraper housed within the nozzle conduit and configured to reciprocate within the nozzle conduit to reduce effluent stream deposits within the nozzle conduit; a reagent plenum configured to receive a reagent and having a wall through which at least a portion of the nozzle scraper assembly extends, the wall defining at least one reagent aperture configured to convey the reagent from the plenum and into the nozzle conduit.

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WO 2025/186535 A1

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