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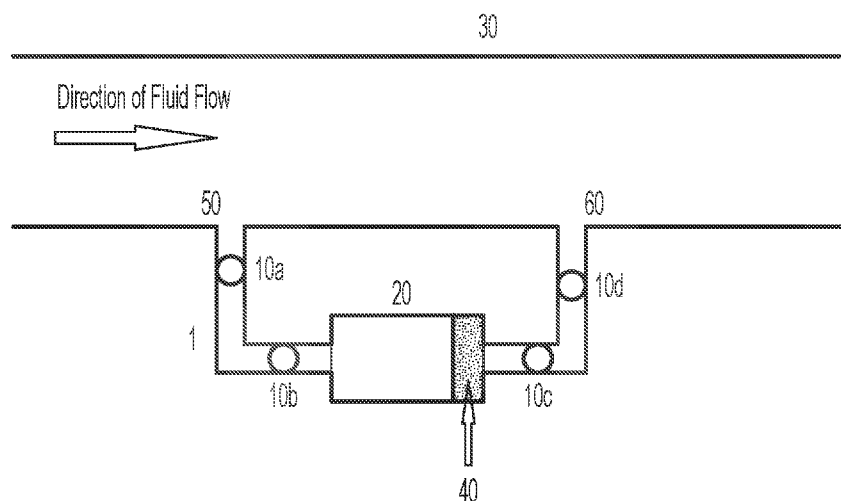


FIG. 1

(57) Abstract: The present disclosure provides systems, cartridges, and methods for treating industrial systems. A system may include a sorbent material disposed in a cartridge, wherein the sorbent material includes a treatment chemical. The system may also include a casing having a side-stream conduit, wherein the cartridge is arranged between an inlet and an outlet of the side-stream conduit. Methods disclosed herein include a method of treating a fluid of an industrial system including adding a liquid treatment chemical to a sorbent material, disposing the sorbent material in a cartridge, passing a fluid through the cartridge, transferring the treatment chemical from the sorbent material to the fluid, and transporting the treatment chemical to the industrial system.



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