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(54) **Title:** FILTER CARTRIDGE, AND METHOD OF RETROFITTING FILTER HOUSING

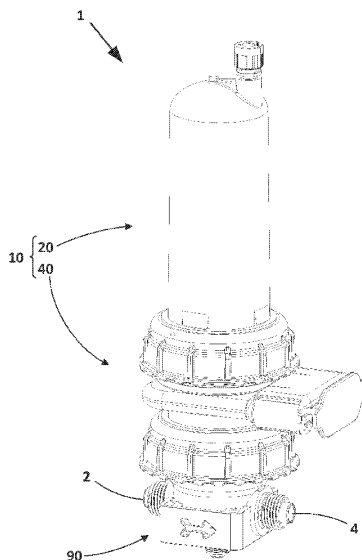


Figure 1

(57) **Abstract:** A removable filter cartridge includes a filter housing containing a filter, a sealing valve coupled to an open end of the filter housing and configured to removably couple the removable filter cartridge to a filter head. The sealing valve has an open position and a closed position that seals the filter housing, and is configured to maintain a seal of the filter housing 5 while uncoupled from the filter head. A sealing valve includes a first end to be removably coupled to a filter head and a second end to be coupled to a filter housing to form a removable filter cartridge. A method of retrofitting a filter housing includes removing the filter housing from a filter head, coupling a sealing valve to the filter housing to form a removable filter cartridge, and removably coupling 10 the removable filter cartridge to the filter head.

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