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(54) Title: PRE-FILLED SYRINGE WITH EMBEDDED FILTER

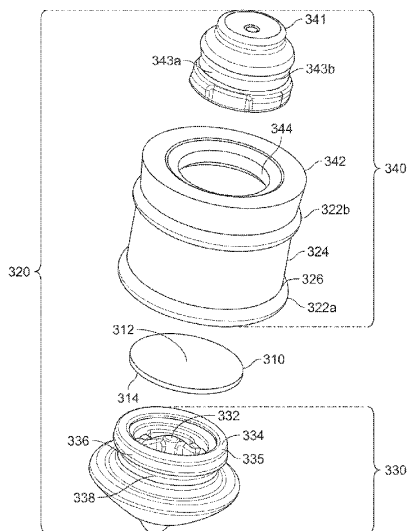


FIG. 3

(57) Abstract: Apparatus and methods for filtering syringe fluid contents through a syringe-embedded filter. The filter may be sealed within a housing lodged distal to unfiltered fluid contents, proximal a syringe distal outlet, with a housing exterior sealed fluid-tight against a syringe inner wall. Before filtering, the housing may block access of unfiltered fluid to the filter. The unfiltered fluid may be sealed between a syringe plunger, the inner wall and the housing. Distally directed urging of the unfiltered fluid may unblock the housing to a flow of unfiltered fluid to the filter. Fluid-tight sealing within the housing may limit fluid passage to the distal outlet to a path through the filter. The unfiltered fluid may be urged through the unblocked housing and the filter. Filtered fluid, relatively free of particulate matter sized greater than a filter average pore size, may flow to the distal outlet for delivery to a target site.

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