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(54) Title: SELF-ORIENTING SYRINGE AND SYRINGE INTERFACE

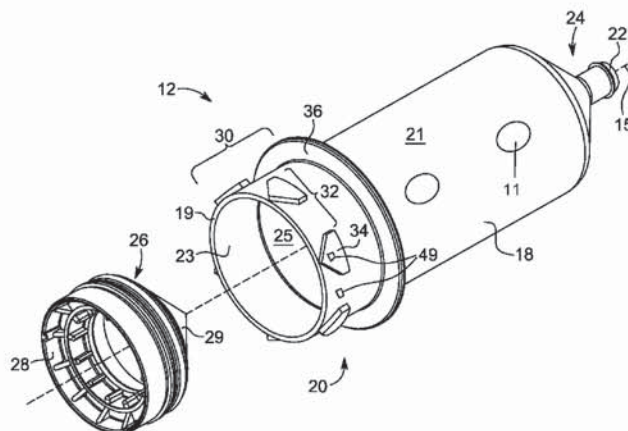


FIG. 1B

(57) Abstract: A syringe includes a barrel having a proximal end, a distal end, and a sidewall extending between the proximal end and the distal end along a longitudinal axis. At least one syringe retaining member protrudes radially outwardly relative to an outer surface of the sidewall. The at least one syringe retaining member tapers axially in a direction from the distal end toward the proximal end. The at least one syringe retaining member is configured for selective engagement with a locking mechanism on a fluid injector or to releasably lock the syringe with the fluid injector. A taper of the at least one syringe retaining member is configured to rotationally guide the syringe into alignment with the locking mechanism.