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(54) **Title: CATHETER FLUSH DEVICE, SYSTEM, AND METHODS**

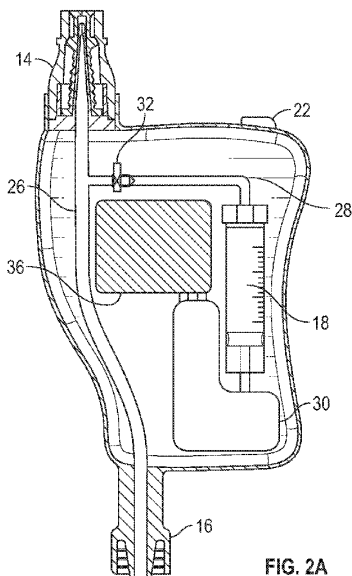


FIG. 2A

(57) **Abstract:** A flush device may be used to flush a catheter system. The flush device may include a housing, a proximal connector coupled to the housing, and a distal connector coupled to the housing. The flush device may include a first conduit disposed within the housing and extending between the proximal connector and the distal connector. The flush device may include a second conduit disposed within the housing and in fluid communication with the first conduit. The flush device may include a fluid reservoir, which may be disposed within the housing of the flush device. The flush device may include a pump that pumps fluid from the fluid reservoir, through the second conduit, and into the first conduit. The device may include a one-way valve, which may prevent fluid from flowing beyond the one-way valve toward the fluid reservoir.