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(54) Title: APPARATUS AND METHOD TO JOIN A COUPLER AND FLOW TUBE IN AN ULTRASONIC FLOW METER

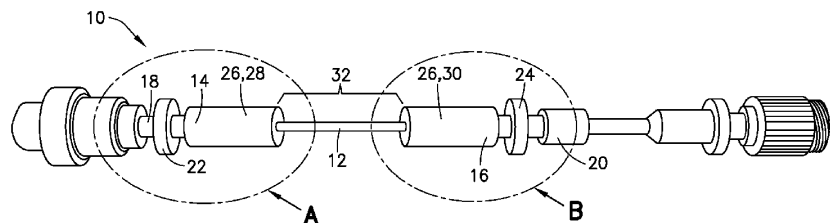


FIG. 3

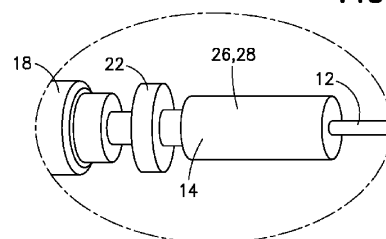


FIG. 3A

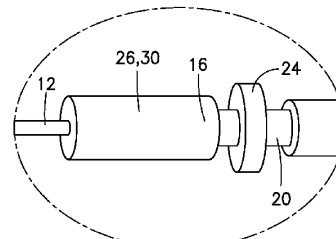


FIG. 3B

(57) Abstract: A flow sensor sub-assembly for sensing flow of a fluidic medicament includes a flow tube having an inlet and an outlet, a first coupler secured to the inlet of the flow tube, a second coupler secured to the outlet of the flow tube, a first piezo element secured to the first coupler, a second piezo element secured to the second coupler to define a predetermined distance between the first piezo element and the second piezo element, and at least one absorber sleeve engaged with the first coupler, the flow tube, and the second coupler.

[Continued on next page]

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