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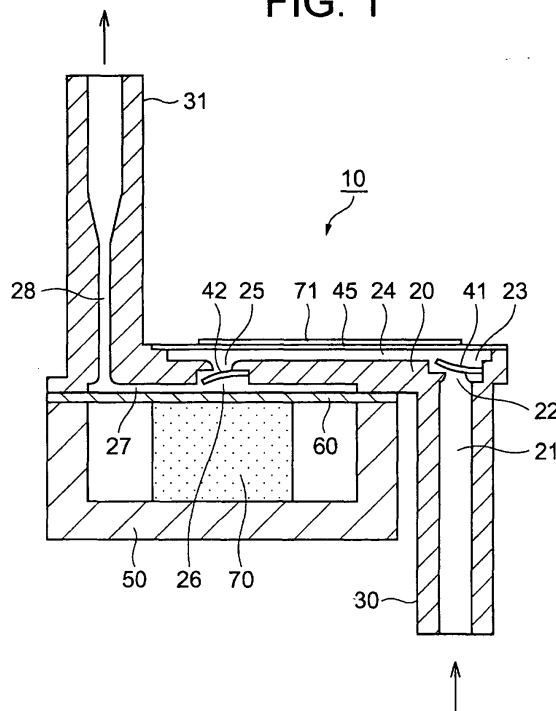
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(54) **Pump**

(57) A pump (10) comprises a primary pump chamber (27) whose volume can be varied by driving a diaphragm (60), an inlet passage for allowing a working fluid to flow into the primary pump chamber (27), an outlet passage for allowing the working fluid to flow out of the primary pump chamber (27), and check valves (41, 42) for opening and closing at least the inlet passage, wherein the total inertance value of the inlet passage is set to be smaller than the total inertance value of the outlet passage, and bubble discharging means for discharging gas bubbles remaining in the primary pump chamber (27) is further provided. As a result, it is possible to provide a pump capable of discharging gas bubbles with the bubble discharging means and thus maintaining a discharging ability, even when the gas bubbles stay in the primary pump chamber (27).

FIG. 1





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EUROPEAN SEARCH REPORT

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Place of search Munich		Date of completion of the search 21 September 2005	Examiner Olona Laglera, C
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**ANNEX TO THE EUROPEAN SEARCH REPORT
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