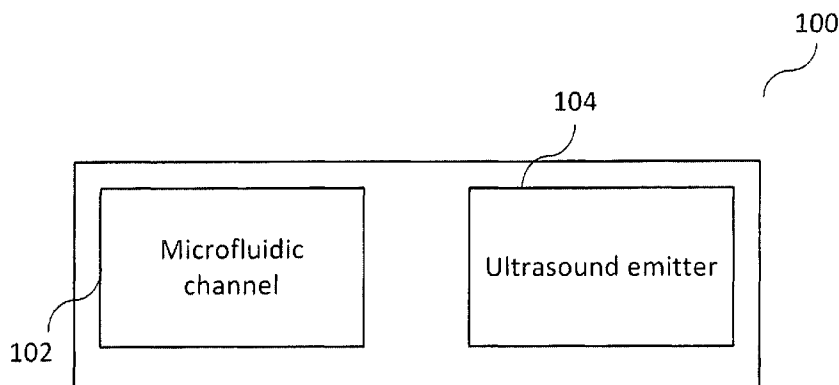




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(57) Abstract: According to various embodiments, a microfluidic device may be provided. The microfluidic device may include: a microfluidic channel with a plurality of inlets for fluids; and an ultrasound emitter configured to emit ultrasonic waves to the microfluidic channel. According to various embodiments, a first inlet of the plurality of inlets may include or may be an inlet for a gas. According to various embodiments, a second inlet of the plurality of inlets may include or may be an inlet for a liquid. According to various embodiments, a third inlet of the plurality of inlets may include or may be an inlet for a liquid.