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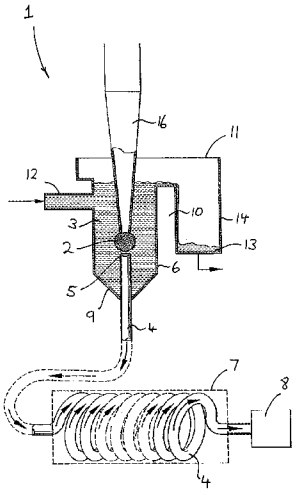
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(54) **Title:** THERMOCYCLER AND SAMPLE PORT



(57) **Abstract:** A sample port for introducing a volume of a liquid sample into a fluid carrier stream flowing through a continuous flow tube having an outlet and a common inlet into which said carrier stream and said liquid sample are both introduced, said port comprising a reservoir for continuously supplying said inlet with said fluid carrier, said reservoir adjusted to maintain a substantially constant level of fluid carrier above said inlet and fluidly engageable with said inlet of said continuous flow tube such that in use, said fluid carrier stream and said liquid sample are drawn through said continuous flow tube when said reservoir is at substantially atmospheric pressure and when said fluid carrier is chosen such that its properties are sufficient to maintain the physical shape of the liquid sample introduced into said carrier.

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