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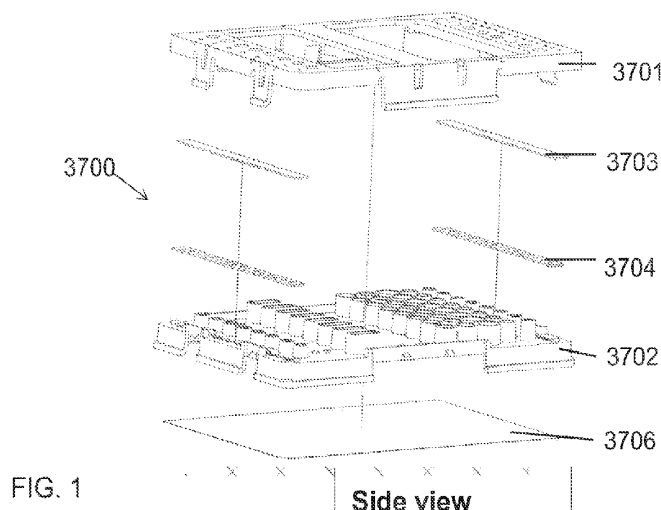
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(54) Title: FLUIDIC DEVICE WITH CAPILLARY BARRIER



(57) Abstract: Provided herein is a fluidic device comprising a capillary barrier. A notch capillary barrier comprises two opposing ramps separated by a notch, optionally within a plateau region. An inset capillary barrier comprises a notch introduced into a wall of the fluidic channel. Such capillary barriers are useful for arresting menisci of liquids flowing through channels in which the capillary barriers are disposed. Liquids arrested on two sides of a notch face in a capillary barrier can be placed into fluid contact by application of negative pressure to the notch area sufficient to overcome the burst pressure on each side of the capillary barrier.

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