



Method And Device For Containing Expanding Droplets

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The Invention

A method and microfluidic device are provided for containing a droplet having an outer surface at a predetermined location. The microfluidic device includes a plate having an upper surface and a central region communicating with the upper surface. The central region is adapted for receiving a droplet of fluid thereon. The central region includes an outer periphery that defines a first fluid constraint configured for discouraging fluid on the central region from flowing therepast. A second fluid constraint extends about the first fluid constraint. The second fluid constraint is configured for discouraging fluid flowing therepast. A third fluid constraint extends about the second fluid constraint. The third fluid constraint configured for discouraging fluid flowing therepast.

Additional Information

For More Information About the Inventors

- [David Beebe](#)

Tech Fields

- [Analytical Instrumentation, Methods & Materials : Microfluidics](#)

For current licensing status, please contact Jeanine Burmania at jeanine@warf.org or 608-960-9846