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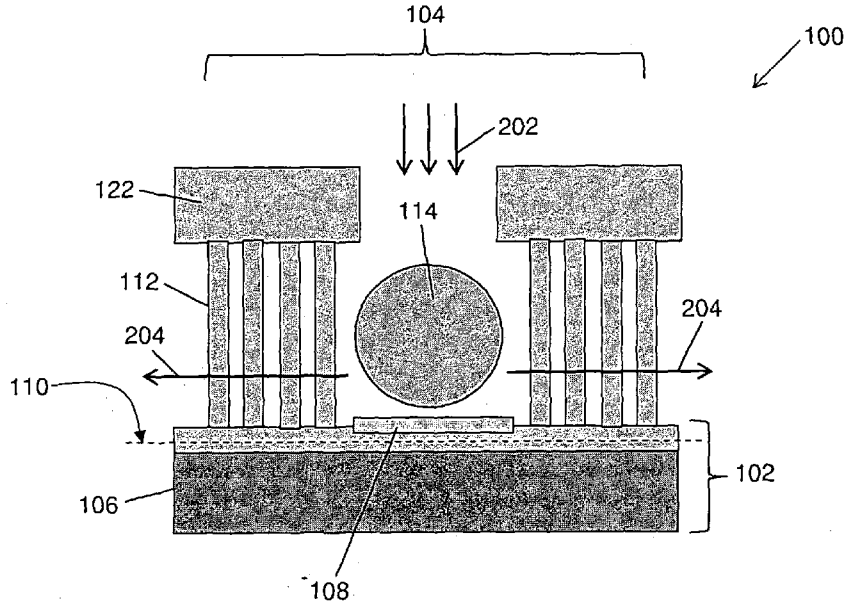
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(54) **Title**: MICROFLUIDIC DEVICE AND MICROFLUIDIC SYSTEM



(57) **Abstract**: A microfluidic device and a microfluidic system are provided. The microfluidic device includes a support substrate; and at least one filter array arranged on the support substrate and configured so as to trap a single cell in contact with the support substrate within the at least one filter array when a sample including a plurality of cells flows into the microfluidic device from a direction substantially perpendicular to a plane of the support substrate and flows out in a direction substantially parallel to the plane of the support substrate.

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