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(54) Title: MICROFLUIDIC DEVICES FOR OPTICALLY-DRIVEN CONVECTION AND DISPLACEMENT, KITS AND METHODS THEREOF

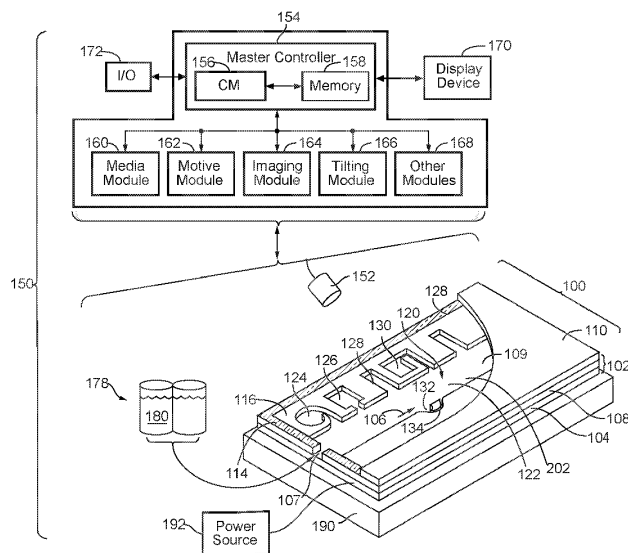


FIG. 1A

(57) Abstract: Apparatuses and methods are described for the use of optically driven bubble, convective and displacing fluidic flow to provide motive force in microfluidic devices. Alternative motive modalities are useful to selectively dislodge and displace micro-objects, including biological cells, from a variety of locations within the enclosure of a microfluidic device.

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