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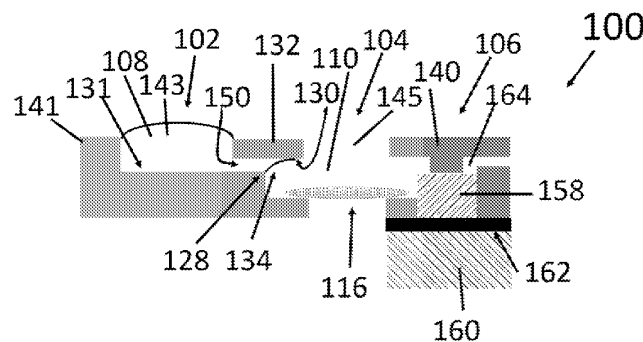
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(54) Title: AN AUTONOMOUS MICROFLUIDIC DEVICE FOR SAMPLE PREPARATION

Fig. 13



(57) Abstract: The microfluidic device (100, 200) has a first reservoir (102, 202) that preferably includes a first liquid (108, 208). The first liquid (108, 208) is being held by a capillary stop valve (228, 230) in the first reservoir (102, 202). A second reservoir (104, 204) is in fluid communication with the first reservoir (102, 202). The second reservoir (104, 204) has a second liquid (110, 210) and a sample support (116, 216) disposed therein. The second reservoir (104, 204) has an inlet opening (145, 236) defined therein. A draining unit (106, 206) is adjacent to the second reservoir (104, 204). The draining unit (106, 206) is in fluid communication with the second reservoir (104, 204). The draining unit (106, 206) has a first absorption member (158, 218, 858) disposed therein.

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