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61/770,627 28 February 2013 (28.02.2013) US(71) Applicants: **NANYANG TECHNOLOGICAL UNIVERSITY** [SG/SG]; 50 Nanyang Avenue, 639798 Singapore (SG). **NATIONAL UNIVERSITY OF SINGAPORE** [SG/SG]; 21, Lower Kent Ridge Road, 119077 Singapore (SG).(72) Inventors: **COHEN, Yehuda**; c/o NANYANG TECHNOLOGICAL UNIVERSITY, 50 Nanyang Avenue, 639798 Singapore (SG). **SHEARWOOD, Christopher**; c/o NANYANG TECHNOLOGICAL UNIVERSITY, 50 Nanyang Avenue, 639798 Singapore (SG). **PRAJAPATI, Vishal**; c/o NANYANG TECHNOLOGICAL UNIVERSITY, 50 Nanyang Avenue, 639798 Singapore (SG).(74) Agent: **VIERING, JENTSCHURA & PARTNER LLP**;
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(54) Title: METHOD OF MANUFACTURING A DEVICE FOR SUPPORTING BIOLOGICAL MATERIAL GROWTH AND DEVICE THEREFROM

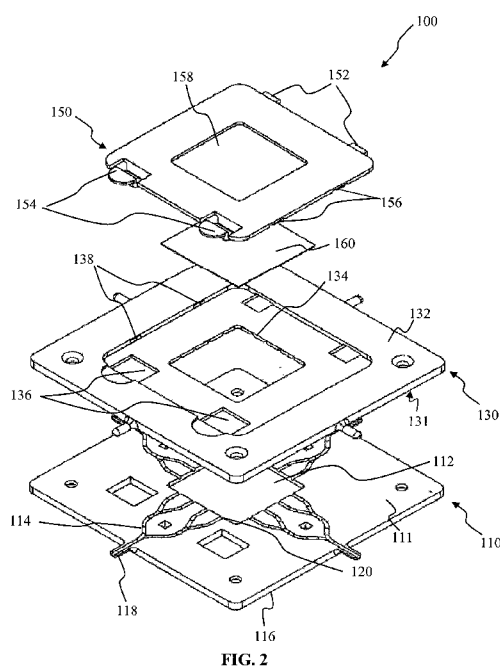


FIG. 2

(57) Abstract: In various embodiments of the present disclosure, there is provided a method of manufacturing a device for supporting biological material growth, including forming a first platform layer through a molding process, the first base layer including a central chamber; and a plurality of elongate channels coupling the central chamber to the periphery of the first platform layer; forming a second platform layer through a molding process; and coupling the first platform layer to the second platform layer. Accordingly, a device for supporting biological material growth is also provided.