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**Declarations under Rule 4.17**:

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

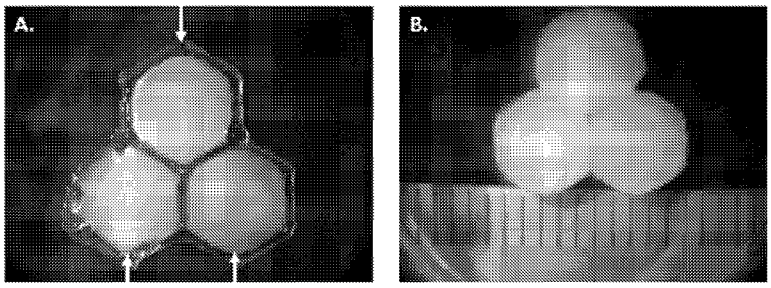
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(54) Title: ENGINEERED LIVER TISSUES, ARRAYS THEREOF, AND METHODS OF MAKING THE SAME

Fig. 8




(57) Abstract: Engineered, living, three-dimensional liver tissue constructs comprising: one or more layers, wherein each layer contains one or more liver cell types, the one or more layers cohered to form a living, three-dimensional liver tissue construct. In some embodiments, the constructs are characterized by having at least one of: at least one layer comprising a plurality of cell types, the cell types spatially arranged relative to each other to create a planar geometry; and a plurality of layers, at least one layer compositionally or architecturally distinct from at least one other layer to create a laminar geometry. Also disclosed are arrays and methods of making the same. Also disclosed are engineered, living, three-dimensional liver tissue constructs for use in the augmentation or restoration of one or more liver functions, by in vivo delivery of tissue or utilization of tissue in an extracorporeal device.

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