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(54) Title: CELL ENCAPSULATION DEVICES WITH CONTROLLED CELL BED THICKNESS

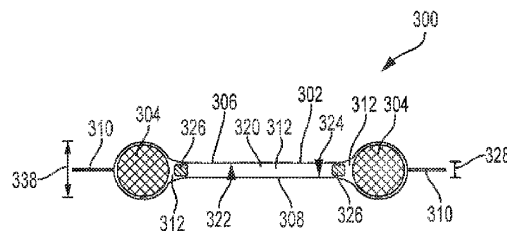


FIG. 3B

(57) Abstract: An implantable containment apparatus for receiving and retaining a biological moiety, including a plurality of cells, for insertion into a patient, such as into a tissue bed, is disclosed. The device includes a cell encapsulating pouch that forms an interior volume having a reservoir space for receiving cells, where the reservoir space includes first and second interior surfaces, and a tensioning member to maintain an average distance between the first interior surface and the second interior surface.

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