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(54) Title: METHOD OF PRINTING A TISSUE CONSTRUCT WITH EMBEDDED VASCULATURE

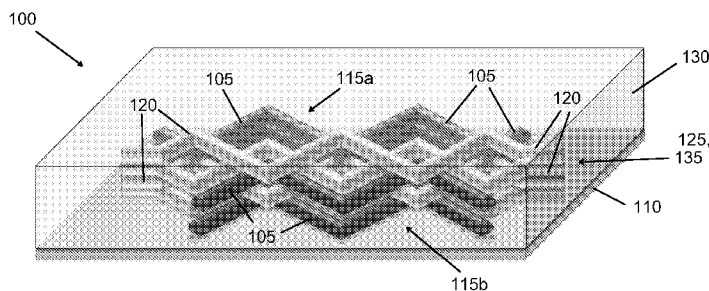


FIG. 3B

(57) Abstract: A printed tissue construct comprises one or more tissue patterns, where each tissue pattern comprises a plurality of viable cells of one or more predetermined cell types. A network of vascular channels interpenetrates the one or more tissue patterns. An extracellular matrix composition at least partially surrounds the one or more tissue patterns and the network of vascular channels.