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(54) Title: LIQUID-TIGHT CASE FOR TISSUE DEVICE AND SYSTEM HAVING SAME

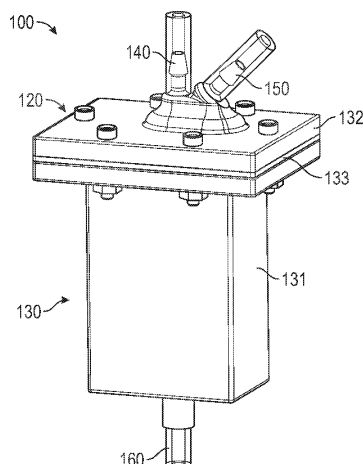


FIG. 1

(57) Abstract: A liquid-tight case includes a housing to enclose a tissue device, which has a first channel network and a second channel network in fluidic communication with the first channel network. The liquid-tight case also includes a first inlet port, a second inlet port, and at least one outlet port. The first inlet port is formed at or coupled with the housing, and configured to be in fluidic communication with the first channel network of the tissue device. The second inlet port is formed at or coupled with the housing, and configured to be in fluidic communication with the second channel network of the tissue device. The at least one outlet port is formed at or coupled with the housing. The liquid-tight case allows the tissue device to have more flexible and more complex design with more suitable or modified materials for cell migration and tissue formation.

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