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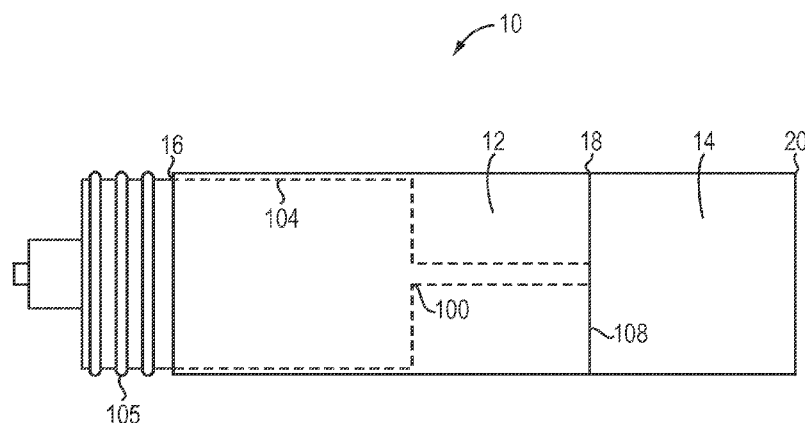


FIG. 1

(57) Abstract: The present invention efficiently and cost-effectively extracts and collects cells from a tissue. The inventors have discovered that the tissue can be effectively fragmented and the resulting cells can be purified using a system or kit with multiple components. An advantage of the present invention is that tissue processing takes place in a closed system such that sterility can be maintained throughout the process, even if certain components are removed during processing, for example through the use of valves, clamps, and heat seals. Furthermore, any or all of the steps can be automated or manually accomplished, according to the specific needs of the application or the user.