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(54) Title: SCALABLE BIOREACTOR SYSTEMS AND RELATED METHODS OF USE

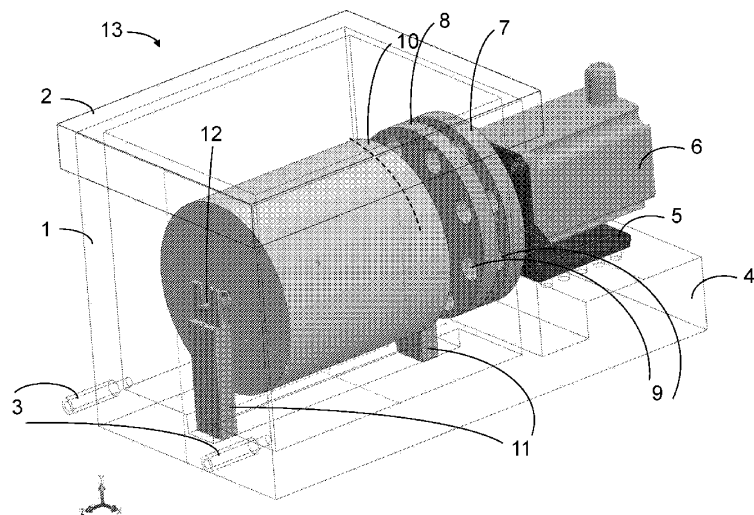


Fig. 1

(57) Abstract: Bioreactors configured to scale-up the production of greater quantities of cells at relatively low cost are provided. These bioreactors may be utilized in the production of large-scale quantities of cell-based meat and cell-based fat. The bioreactors may be reusable and may have a high surface area-to-volume ratio for adherent cell expansion. The bioreactors may be capable of yielding a large number of adherent cells per bioreactor unit.

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