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(54) Title: SYSTEM FOR PRODUCING CULTIVATED MEATS, TISSUES AND ASSOCIATED PRODUCTS FROM CELLS

(57) Abstract: A cell culture system that enhances cell production and reduces the cost of growing cell culture. The system maintains an optimal culture condition by stabilizing the level of nutrients and/or maintaining a minimum level of growth inhibitors in a culture medium. The system comprises a cell culture unit configured to hold at least one type of cell; a fresh medium unit configured to supply and receive the first fluid to the cell culture unit; a waste removal unit configured to supply and receive a second fluid from the fresh medium unit; and a dialysis unit configured to extract the waste from the first fluid to the second fluid and supply nutrient from the second fluid to the first fluid.



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