ABSTRACT

Provided is a regenerative cell extraction system. The regenerative cell extraction system includes: a regenerative cell separation unit which separates fat tissue; and a regenerative cell extraction unit. The regenerative cell separation unit includes: a sub container which is rotated by a torque applied from an external source and includes a space in which fat tissue is housed; a hollow main pipe which is inserted into the sub container; and a pump which is connected to the main pipe. In addition, the regenerative cell extraction unit receives a regenerative cell-containing substance, which is obtained after the fat tissue is centrifuged by the regenerative cell separation unit , from the regenerative cell separation unit, and extracts regenerative cells from the substance by centrifuging the substance. The regenerative cell extraction unit includes: a main container which is rotated by a torque applied from an external source; a hollow first discharge pipe which is inserted into the main container; and a suction device which is connected to the first discharge pipe; and a plurality of protruding housing portions which bulge outwards along a radius direction with respect to a center of rotation of the main container to accommodate relatively heavy components among components separated from the substance.