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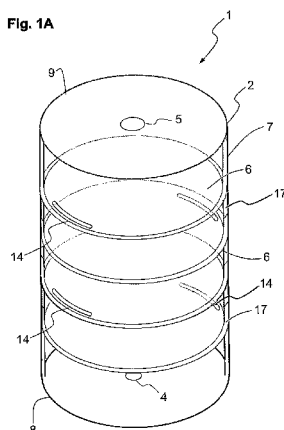
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(54) Title: APPARATUS FOR CULTURING ANCHORAGE DEPENDENT CELLS

Fig. 1A



(57) Abstract: The invention relates to an apparatus (1) for culturing anchorage-dependent cells. The apparatus (1) comprises a housing (2) with an inlet (4) and an outlet (5), and a plurality of culture plates (6) removably stacked within the housing (2). The housing (2) has a circumferential wall (7), a base (8) and a top wall (9). The base (8) comprises the inlet (4) and the top wall (9) comprises the outlet (5). The circumferential wall (7) of the housing (2) defines a longitudinal axis thereof, as well as an inner cross section perpendicular to the longitudinal axis. Shape and dimensions of the inner cross section are essentially uniform along the longitudinal axis. The culture plates (6) are arranged at least essentially parallel to each other. Each plate (6) is mounted and sealed to the circumferential wall (7) of the housing (2). Plates (6) are arranged at a distance from each other. Each culture plate (6) has a through hole (14), so that inlet (4) and outlet (5) are in fluid communication. Each through hole (14) is positioned at an outer end of the respective culture plate (6), proximate the circumferential wall (7). Through holes (14) of adjacent culture plates (6) are distally positioned in the plane of the inner cross section of the housing (2).

