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(54) Title: SYSTEM FOR PURIFYING CERTAIN CELL POPULATIONS IN BLOOD OR BONE MARROW BY DEPLETING OTHERS

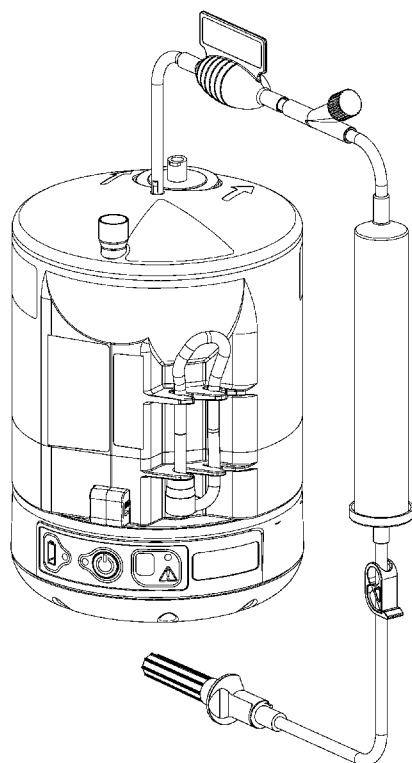


Figure 12

(57) Abstract: An apparatus and method for purifying and harvesting certain cell populations in blood or bone marrow by depleting at least one of red blood cells, granulocytes, or platelets from a sample comprising blood, bone marrow, or stromal vascular fraction cells separated from adipose tissue is disclosed. The apparatus comprises a sterile, single use rigid, self-supporting cartridge within which the automated depletion, purification and harvesting of target cell populations occurs and all components may be distributed.



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