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(54) Title: A SYSTEM FOR EXTRACTION OF CELLS FROM A SAMPLE OF TISSUE

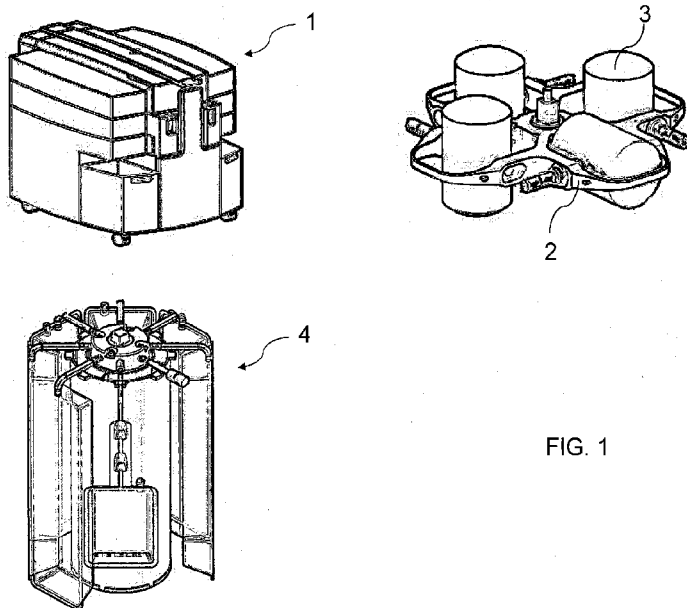


FIG. 1

(57) Abstract: A system for extraction of cells from
a sample of tissue comprises a main device (1) and a
disposable kit (4) for use with said main device;
said main device (1) is configured to host at least
one disposable kit and to execute at least one preset
program; said disposable kit (4) comprises a work
chamber (11) for the sample of tissue and a plurality
of solution bags (12), the disposable kit comprises
also fluid transfer means (14, 19) operating between
the work chamber and the solution bags (12) and
controlled by the main device via suitable interface
means; in a preferred embodiment the disposable kit
(4) is mounted on a drum and contained in an active
capsule carried by a rotary carousel; claims are also
directed to the disposable kit for use in said system.