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(54) Title: SYSTEM AND METHOD FOR SPERM SELECTION FROM SEMEN SAMPLES

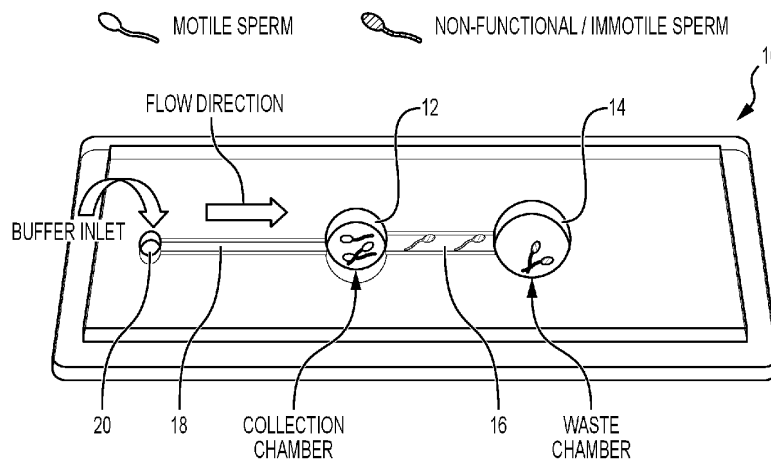


FIG. 1A

(57) Abstract: A device for filtering out non-functional sperm and isolating motile sperm may include a main channel having a flow direction from a first end towards a second end of the main channel. The device may include a buffer inlet in fluid communication with the first end of the main channel. The device may include a collection chamber in fluid communication with the second end of the main channel. The device may include a secondary channel in fluid communication with the collection chamber on a downstream side. The device may include a waste chamber in fluid communication with the secondary channel on a downstream side.

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