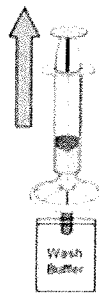
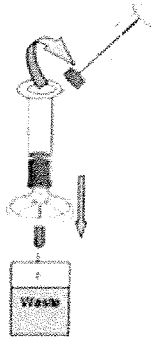


1. An empty syringe barrel, connected to the inlet of a syringe filter including a leukocyte depletion medium, is arranged such that the outlet of the syringe filter is in fluid communication with a receiving container. Leukocyte-containing biological fluid is placed in the barrel, and drains through the filter via gravity, wherein leukocytes are captured by the leukocyte depletion medium.

2. The syringe barrel is disconnected from the syringe filter inlet, a syringe plunger is inserted in the barrel, and the syringe is reconnected to the inlet. The outlet of the syringe filter is placed in fluid communication with a wash container containing wash fluid. The plunger is retracted, withdrawing wash fluid from the wash container, through the filter, and into the syringe barrel.



3. Retraction of the syringe plunger continues until it is pulled out of the barrel. Wash solution drains through the filter back into the wash container via gravity. Leukocytes are re-captured by the leukocyte depletion medium, and undesired material (e.g., red blood cells) passes into the wash container.



4. Washing can be repeated with fresh wash fluid.

Figure 1

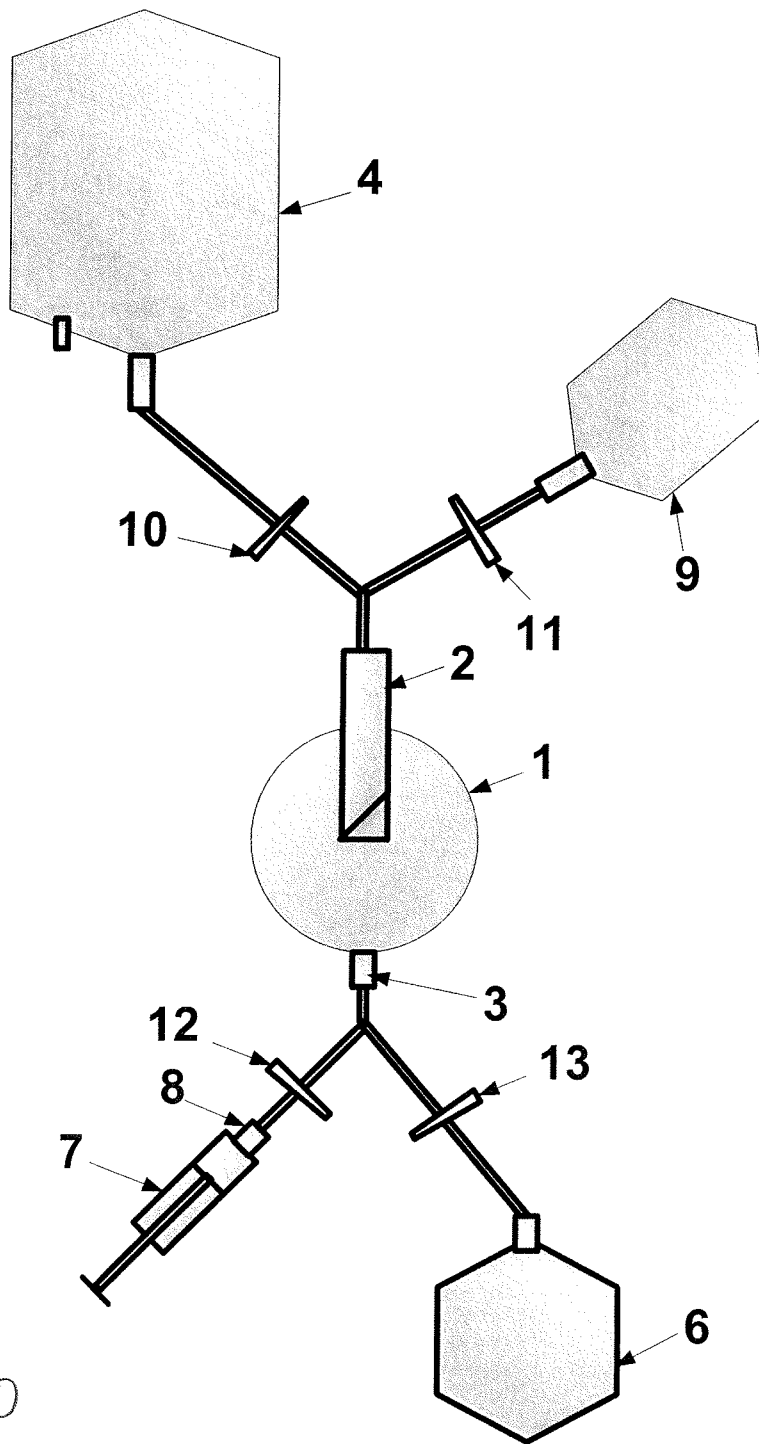
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Figure 2

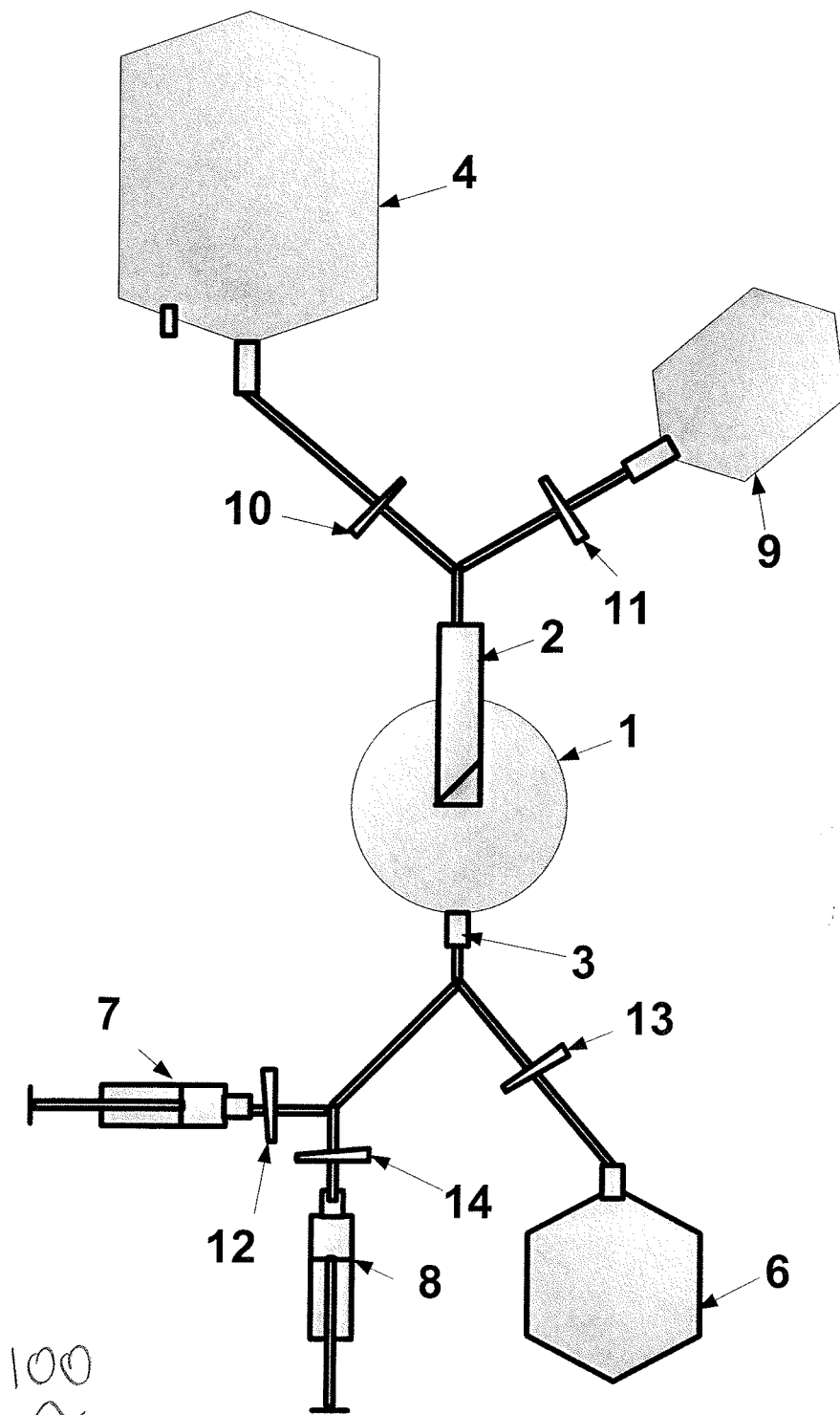


Figure 3