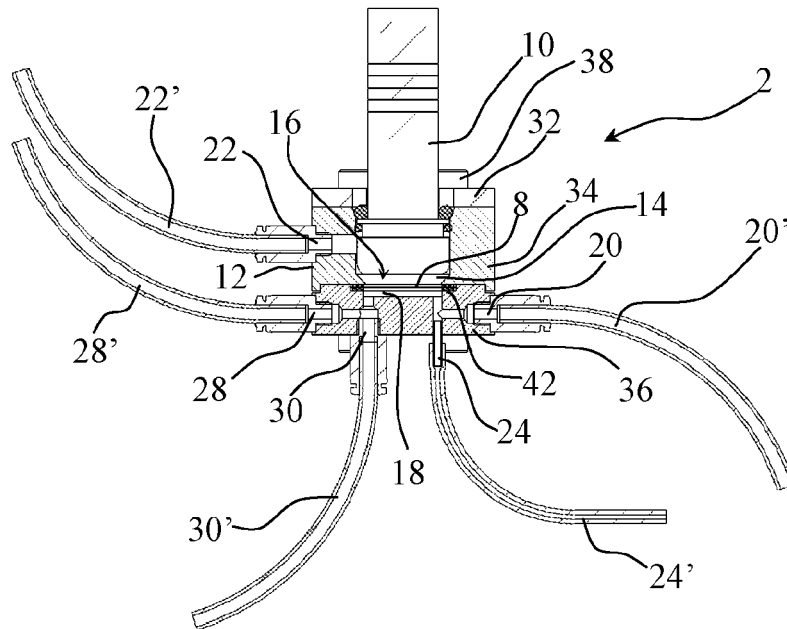


Fig. 1

a)



b)

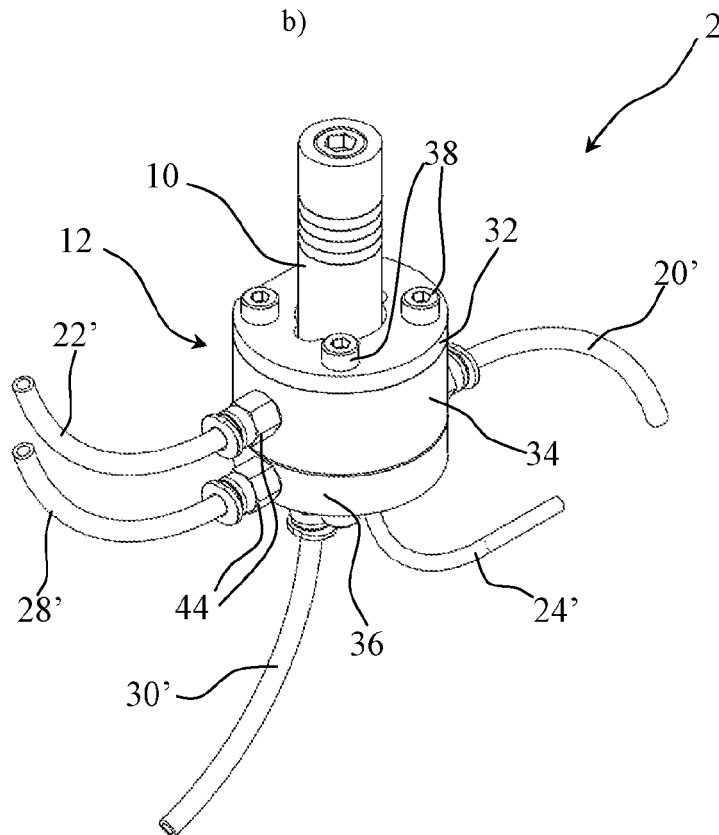


Fig. 2

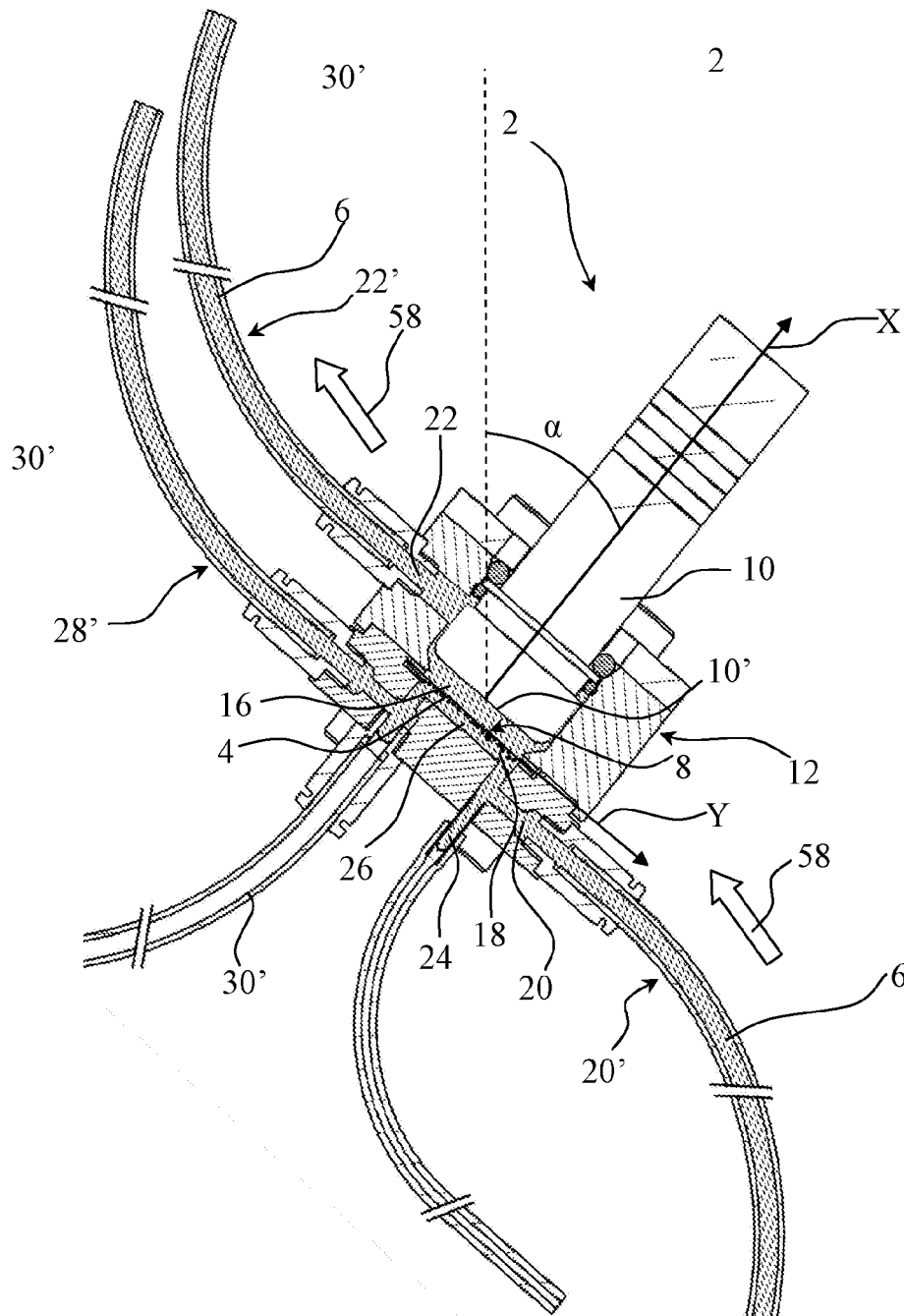


Fig. 3

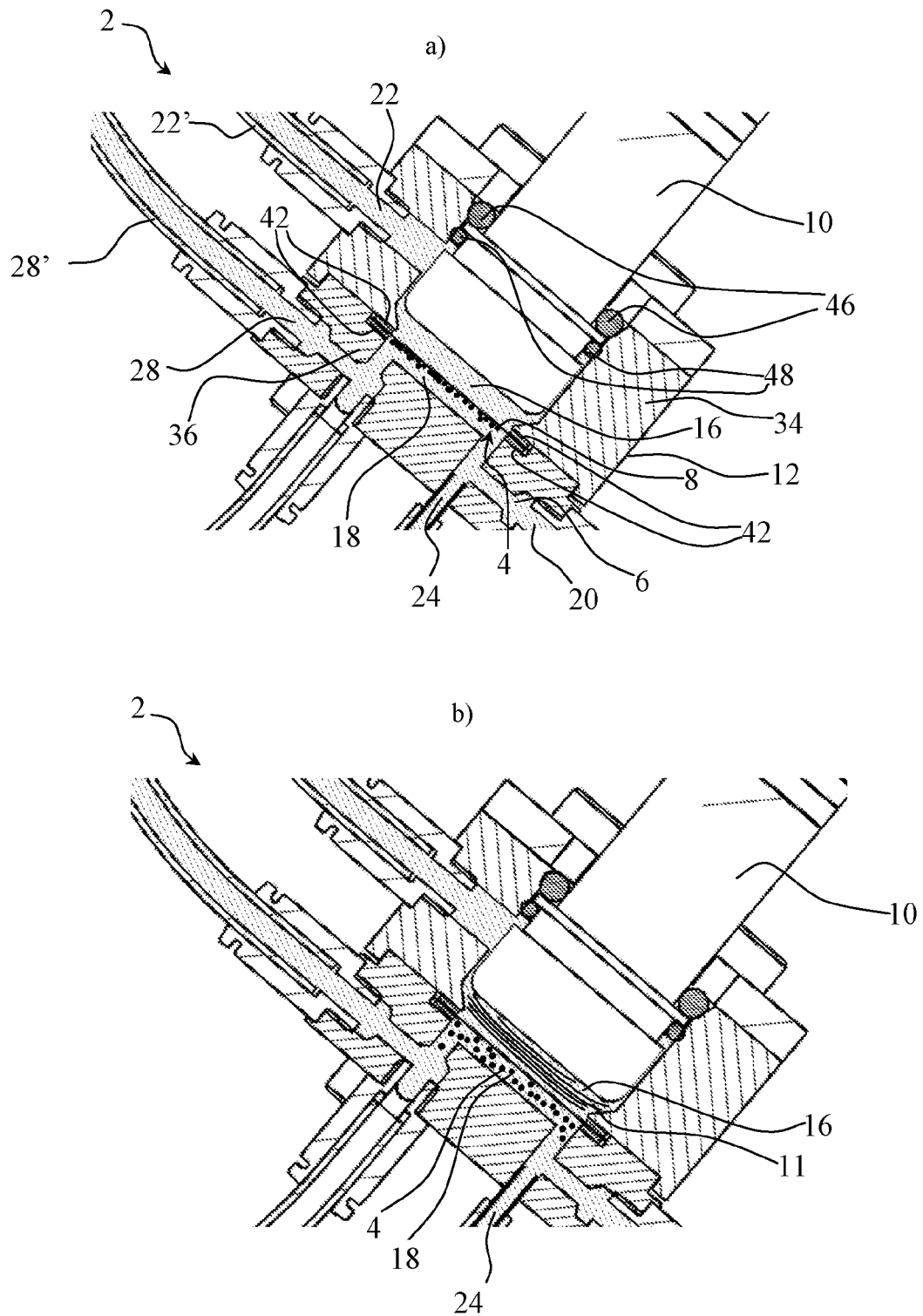


Fig. 4

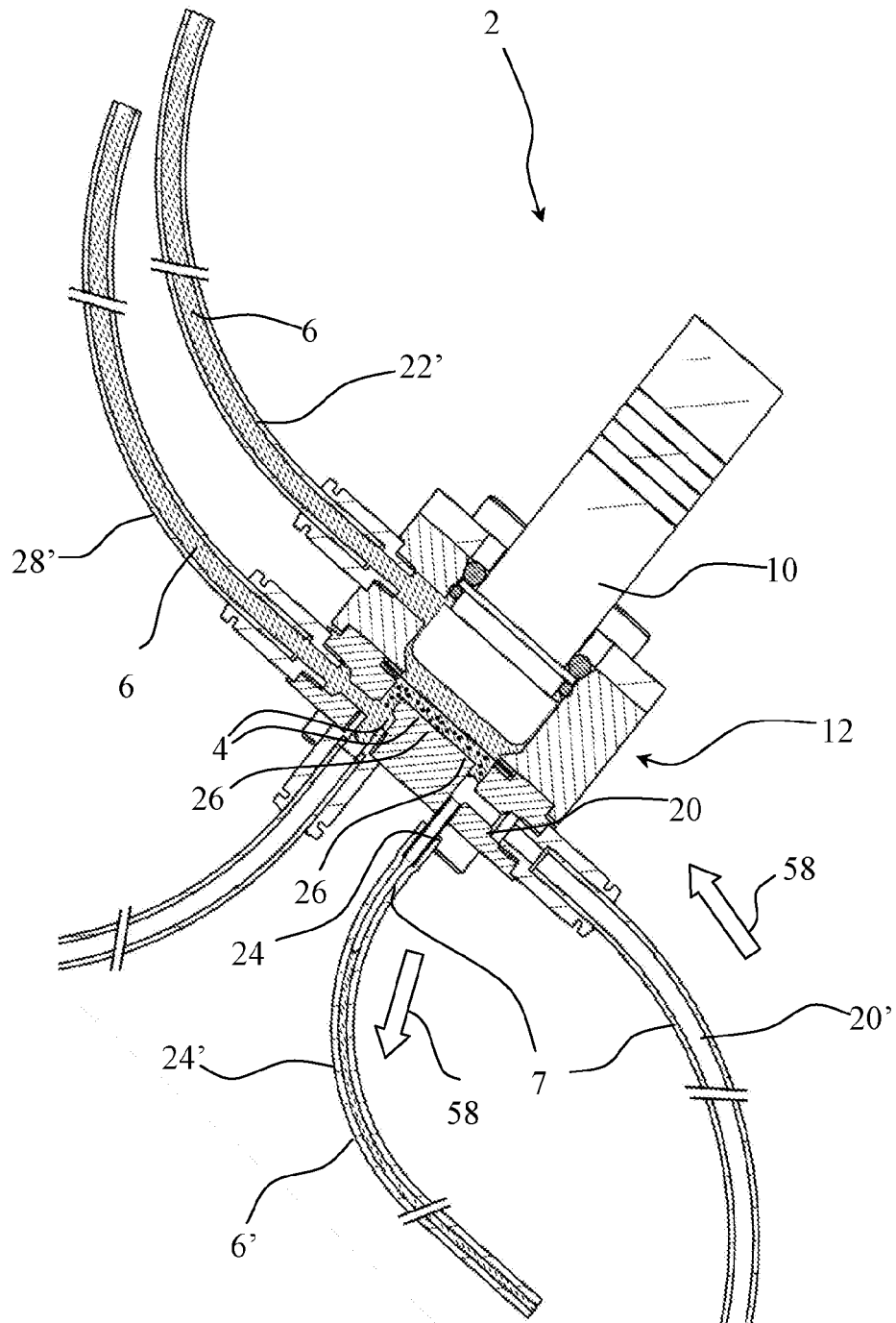


Fig. 5

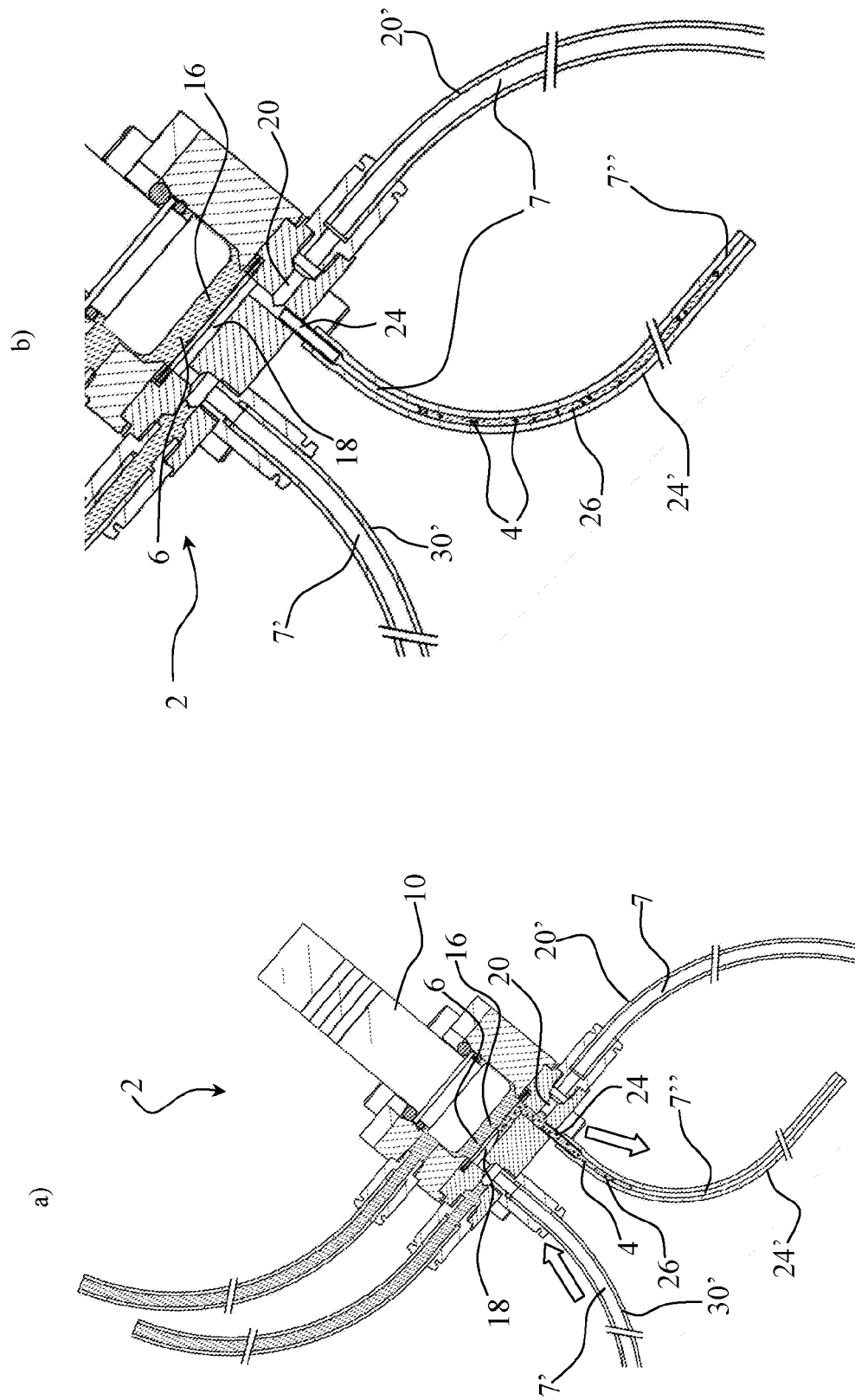


Fig. 6

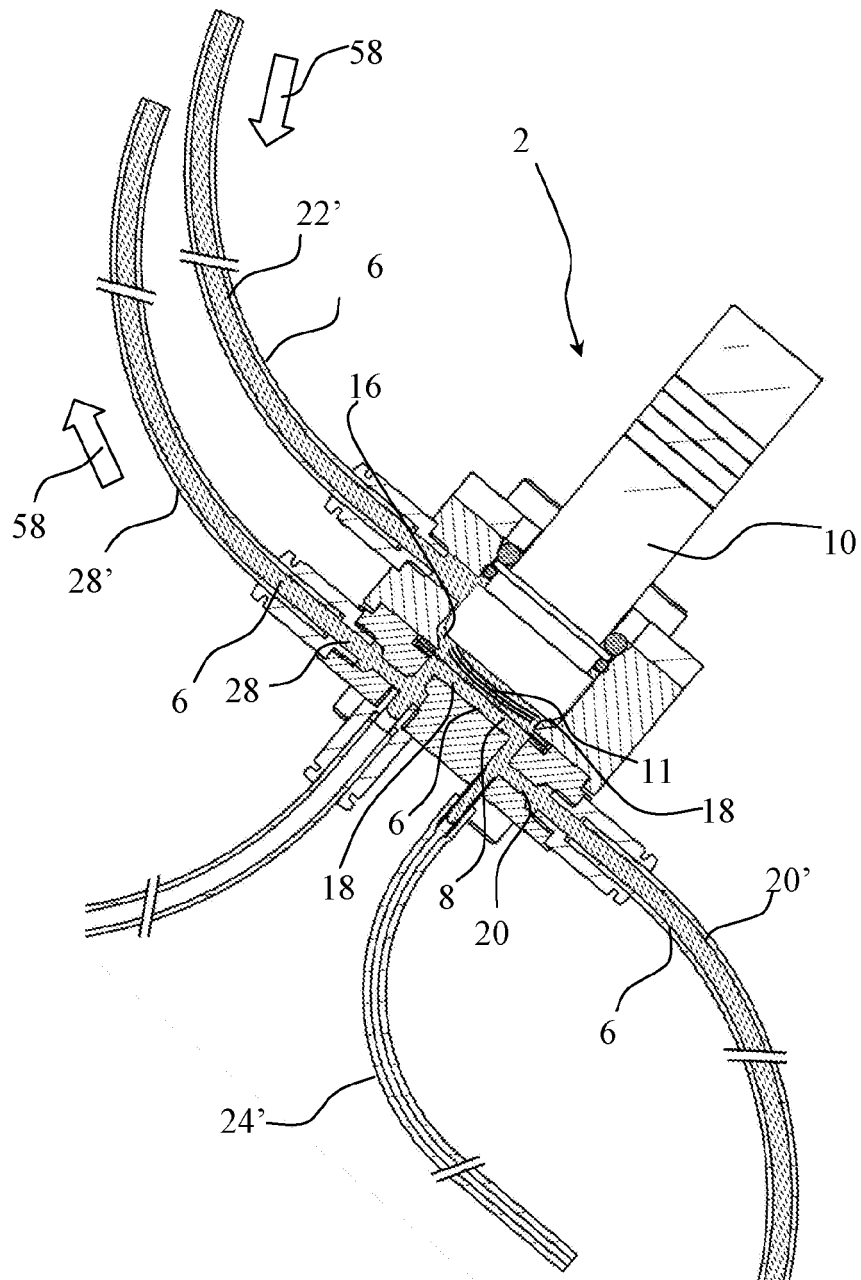


Fig. 7

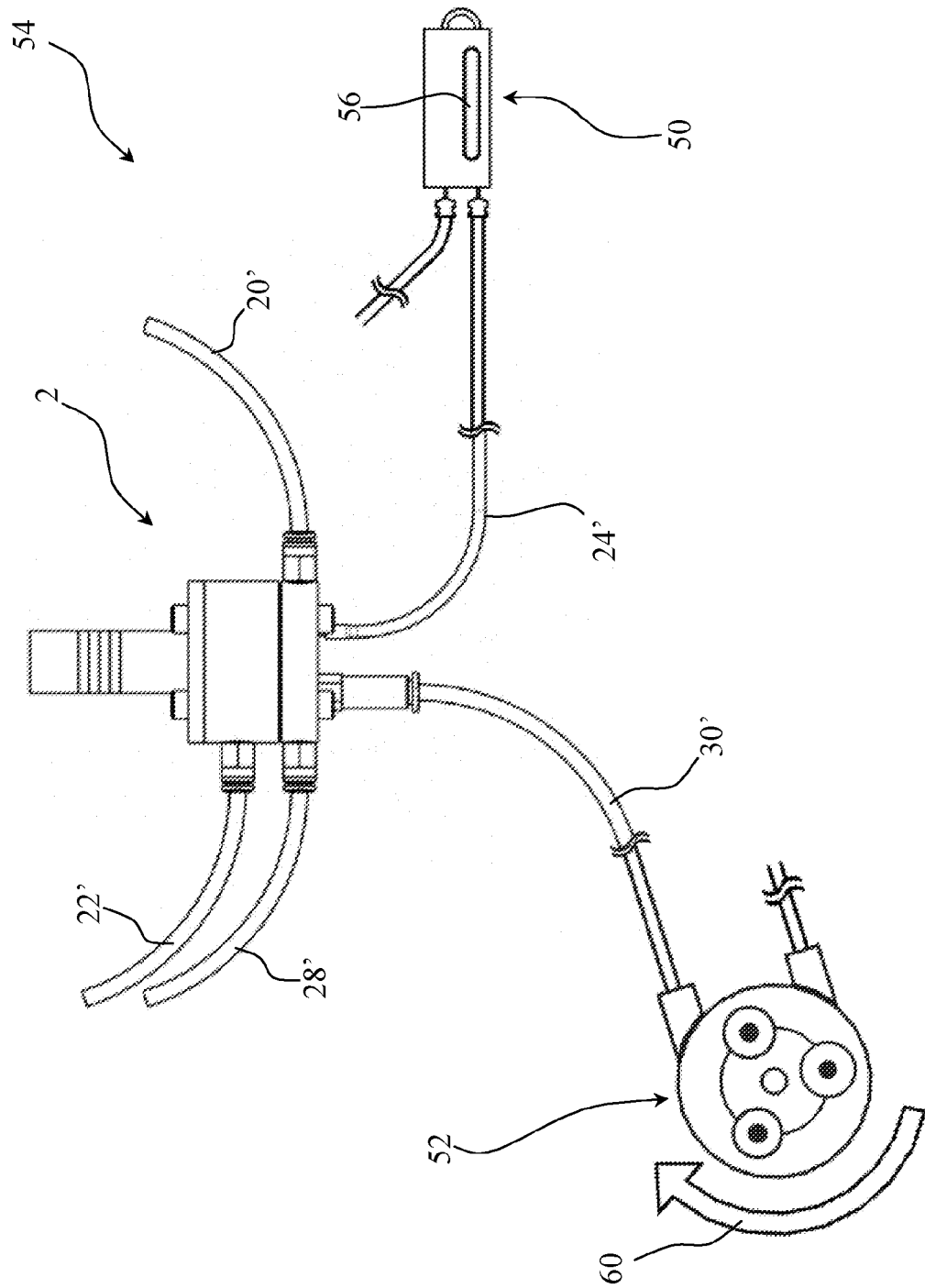
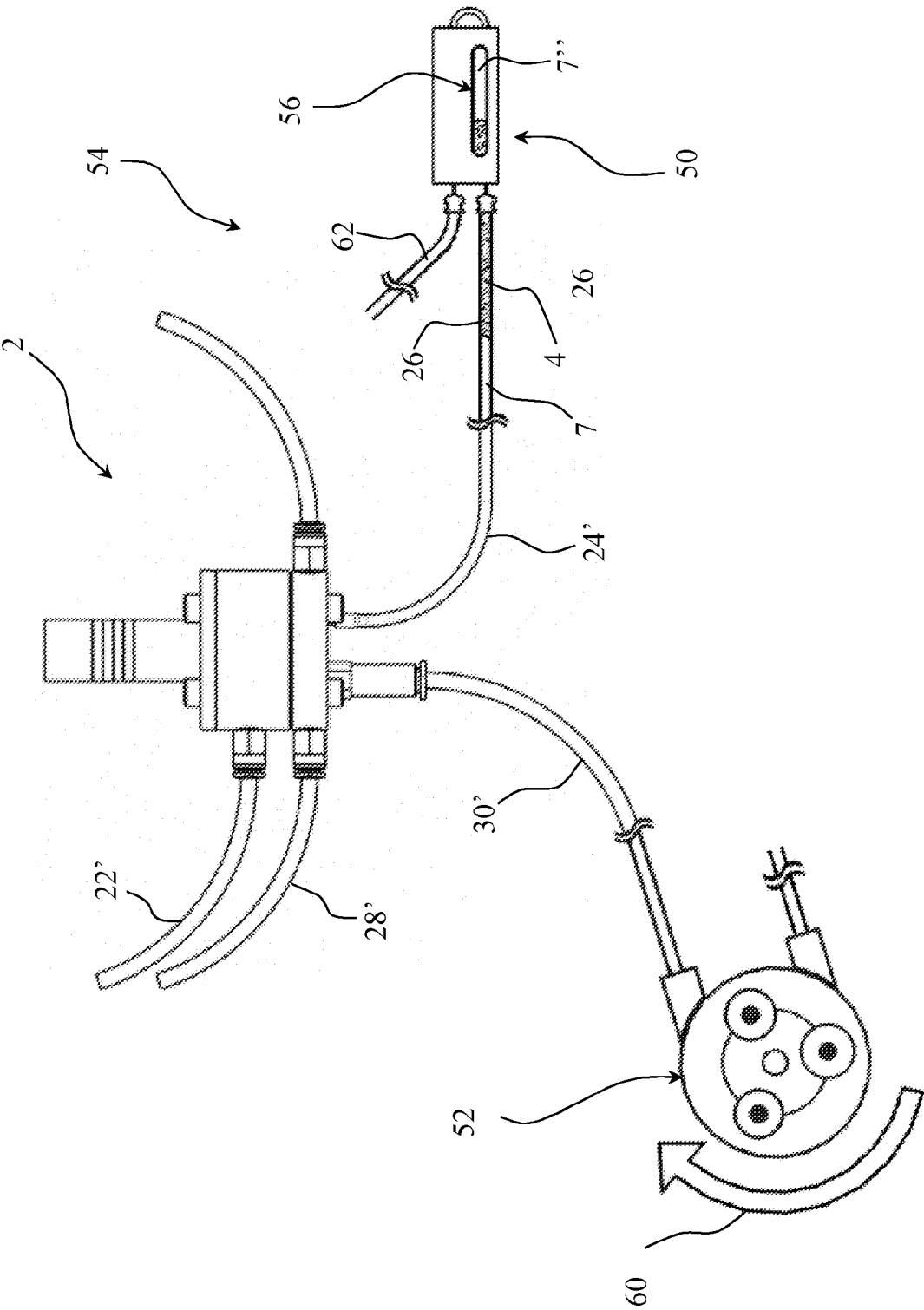
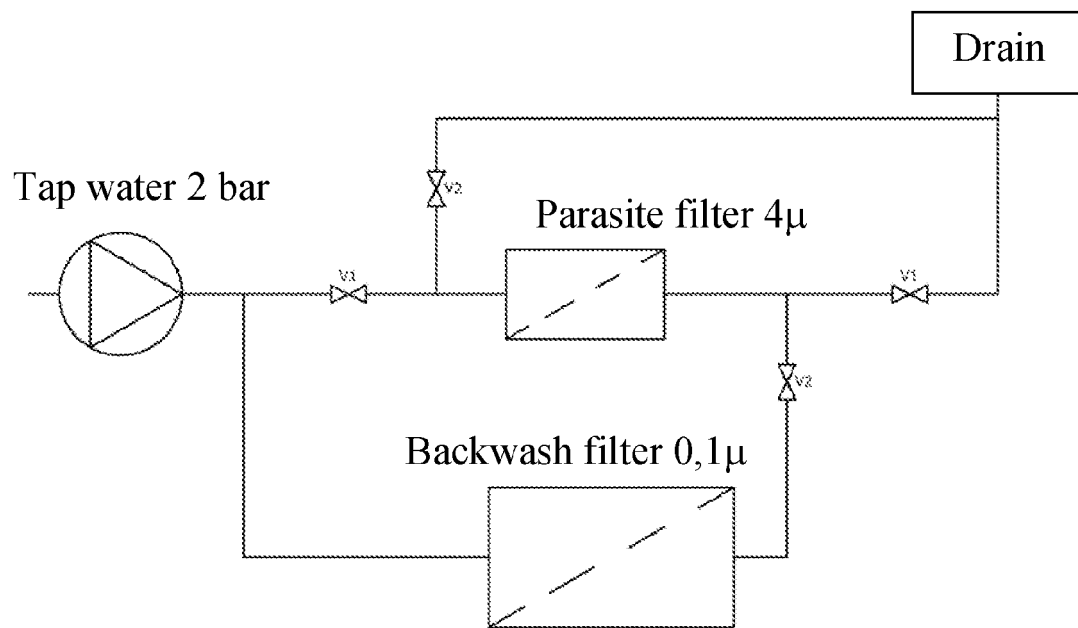


Fig. 8





Metal filter lifetime test and backflush efficiency
Fig. 9

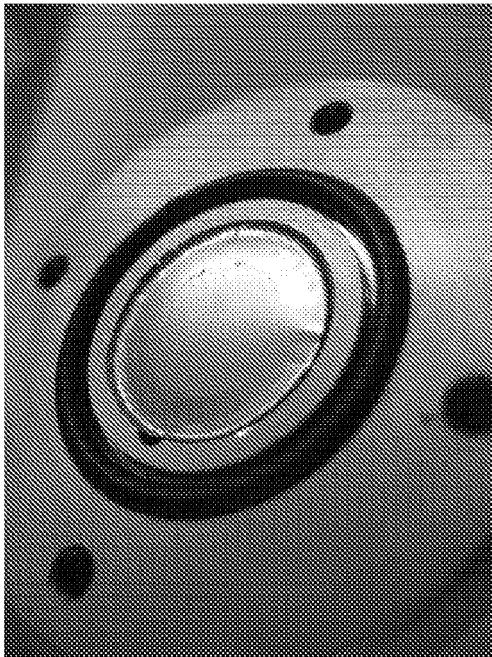
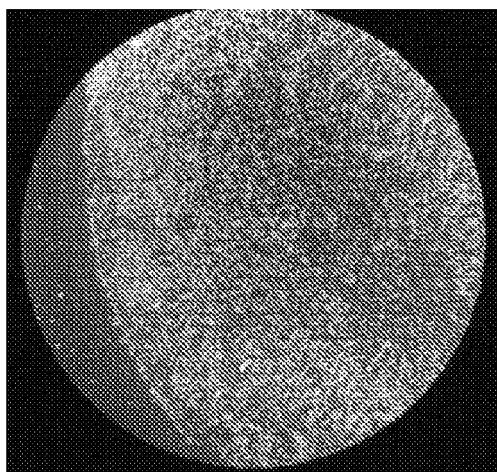
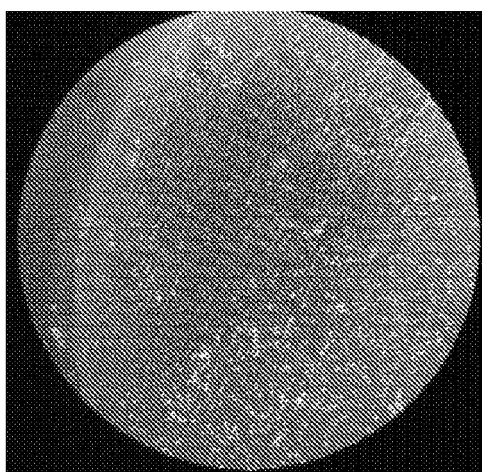


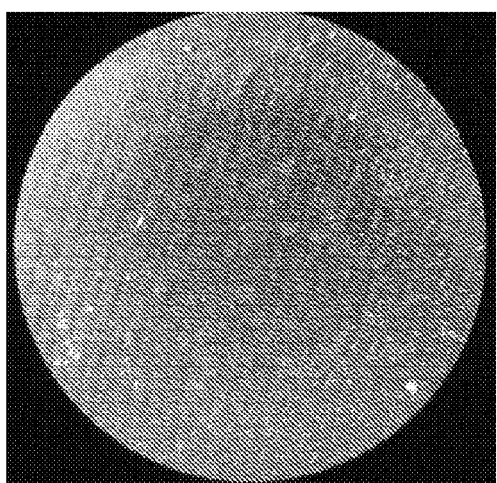
Fig. 10



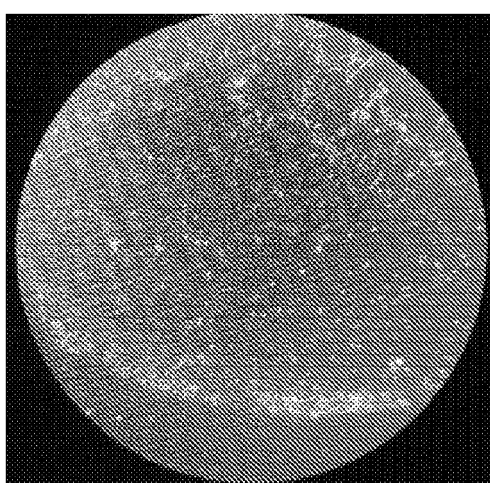
Before backflush
Fig. 11a



After 10 s backflush (55ml)
Fig. 11b



After 30 s backflush
Fig. 11c



After 55 ml backflush (pulsed)
Fig. 11d

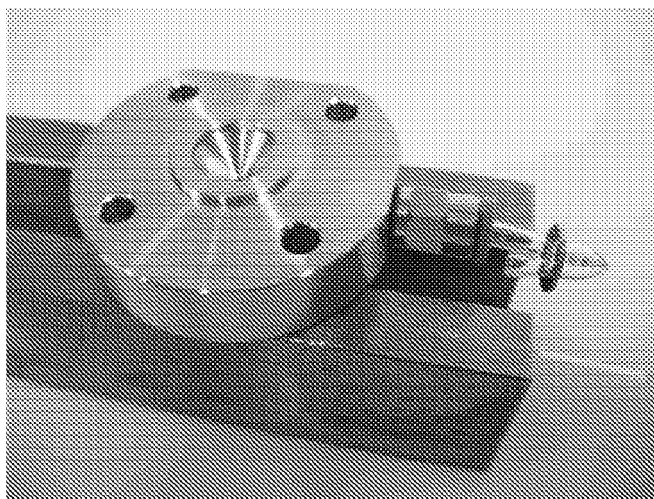


Fig. 12a

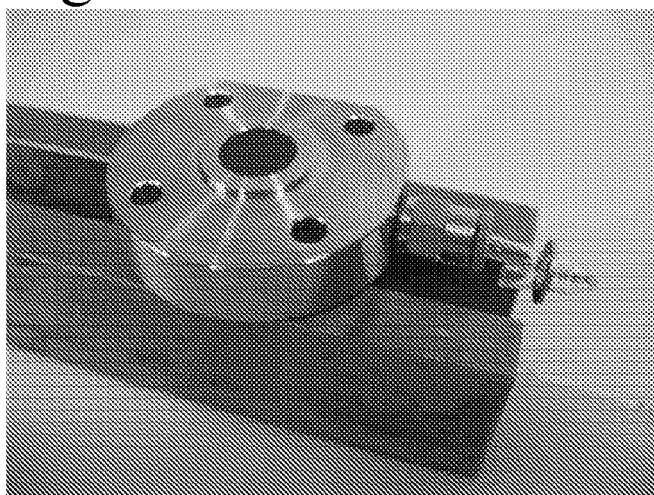


Fig. 12b

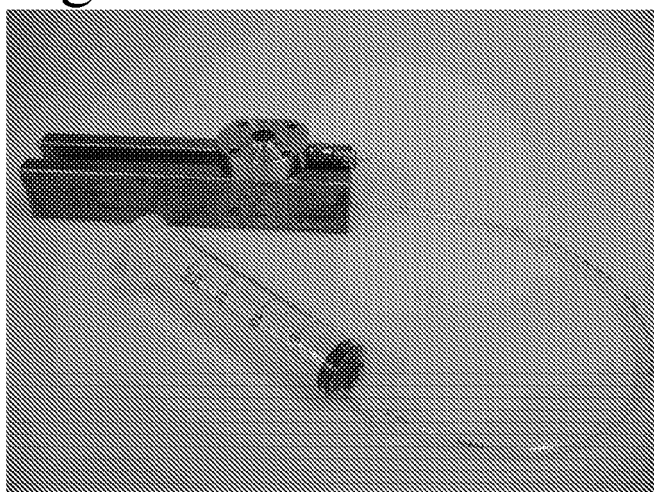


Fig. 12c

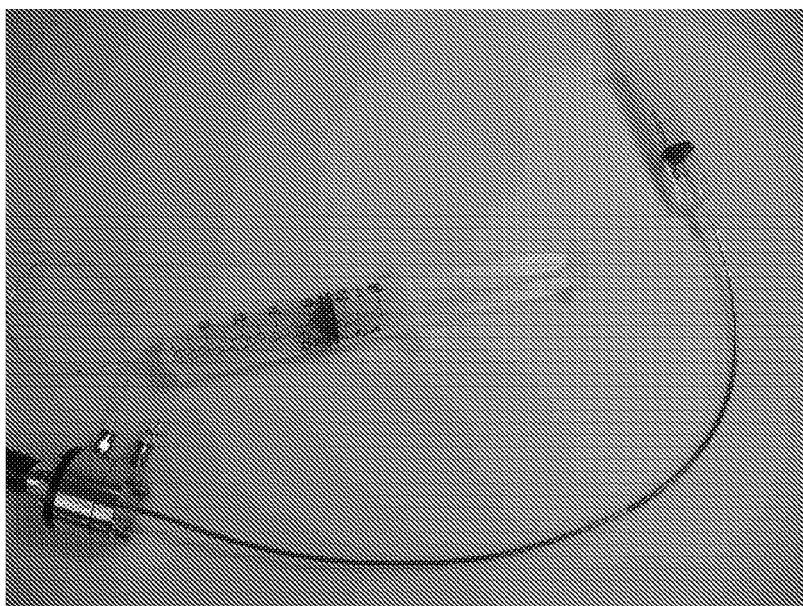


Fig. 13a

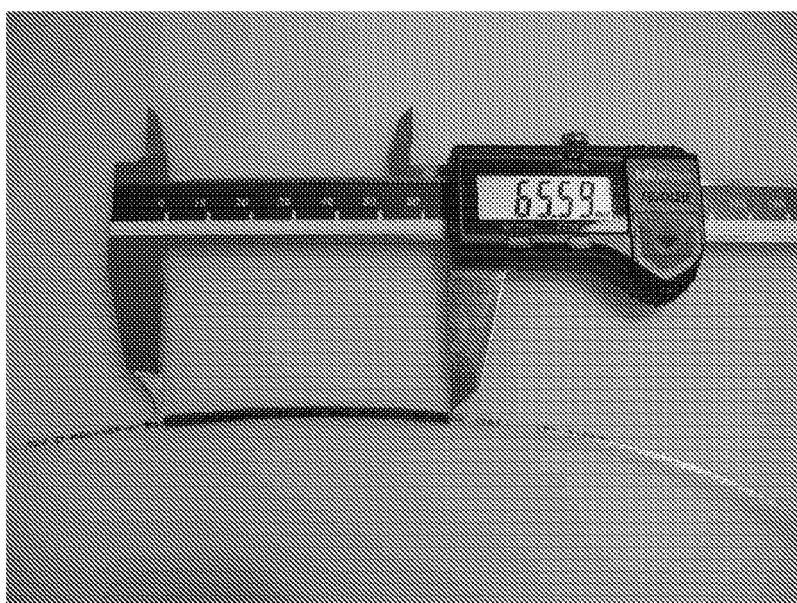


Fig. 13b

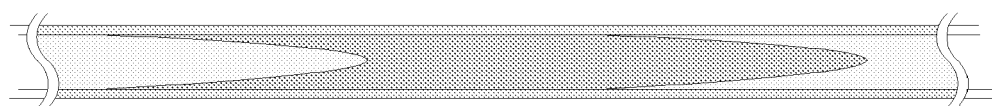


Fig. 13c

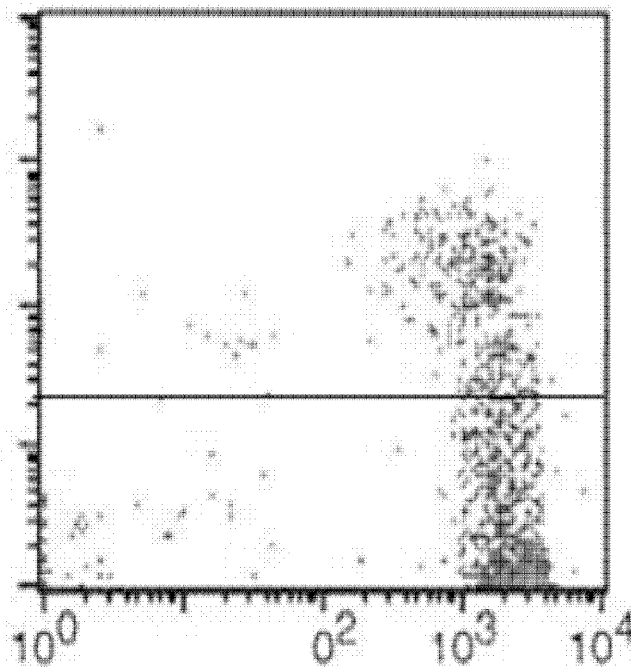
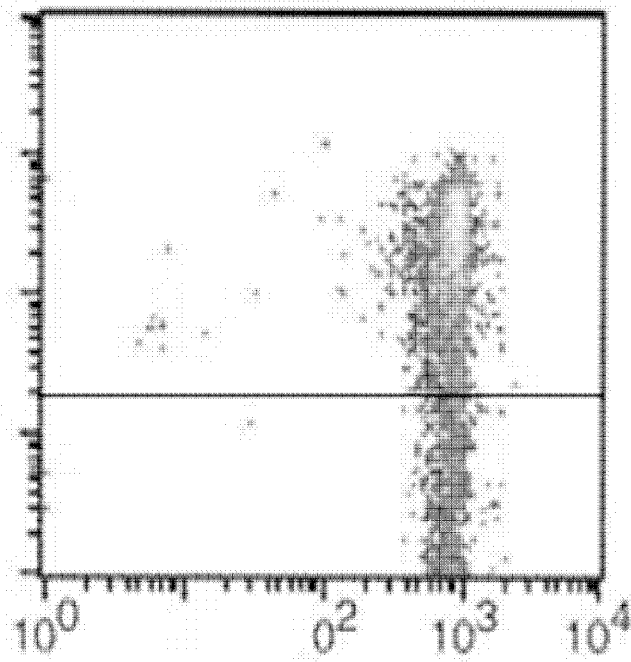


Fig. 14 PI stain, viability test

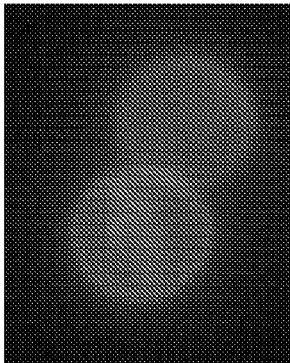
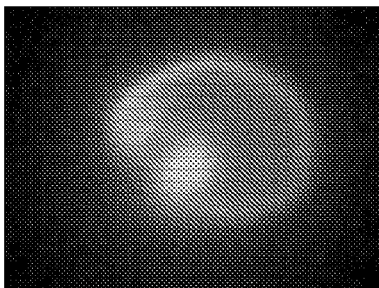
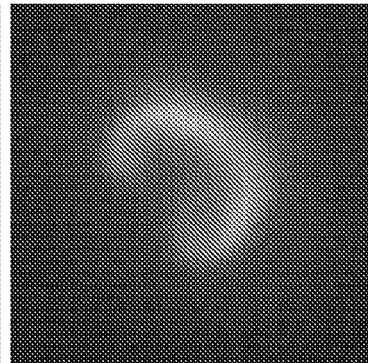
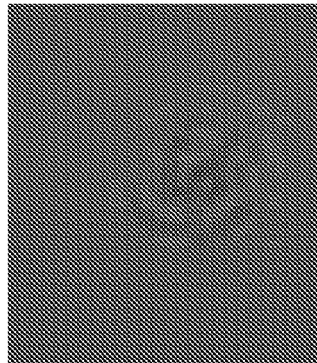
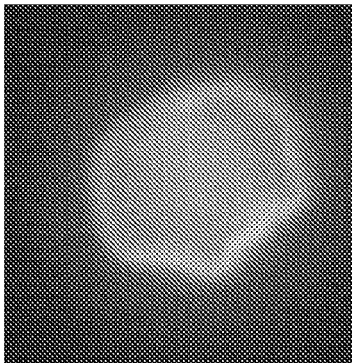
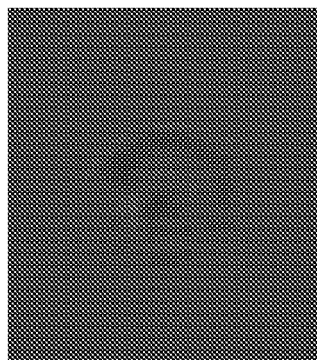


Fig. 15a

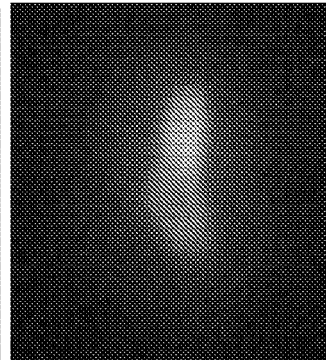


FITC

Fig. 15b



Light mic.



FITC

Cryptosporidium fragments

Fig. 15c

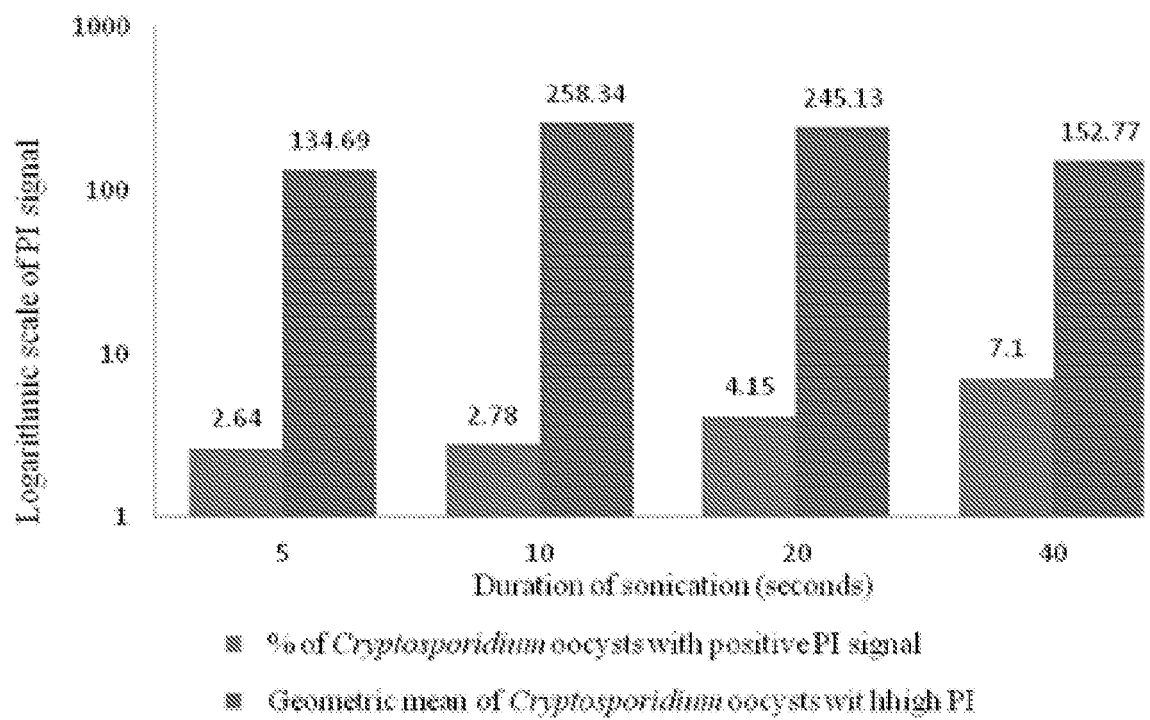


Fig. 16a

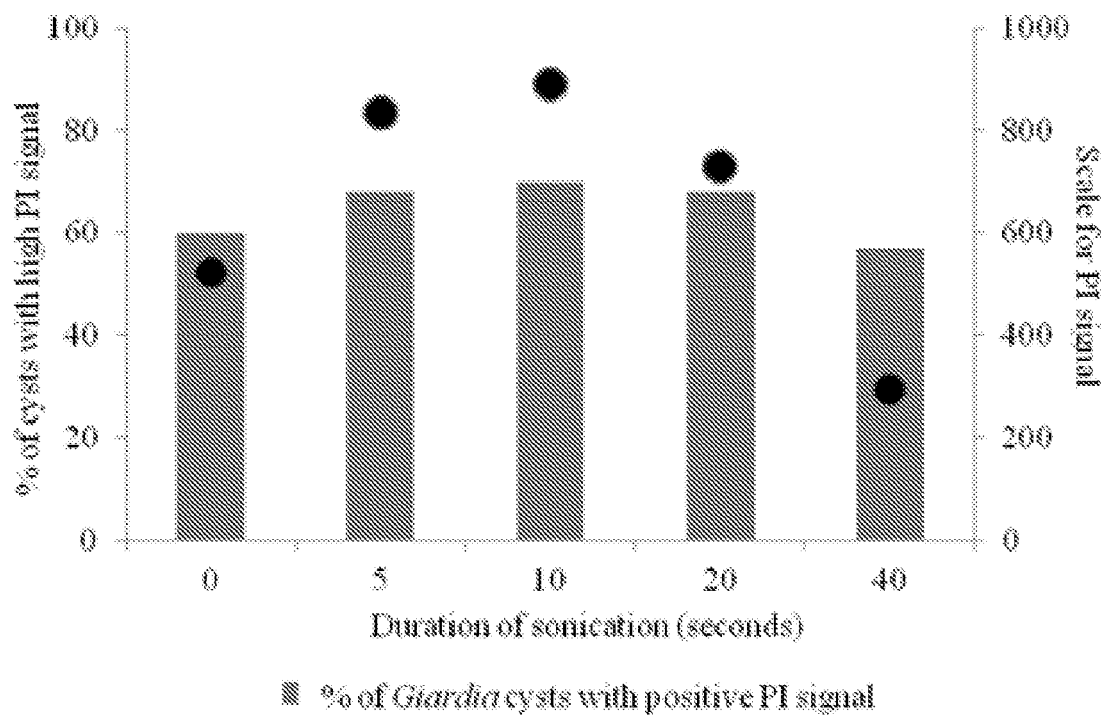


Fig. 16b

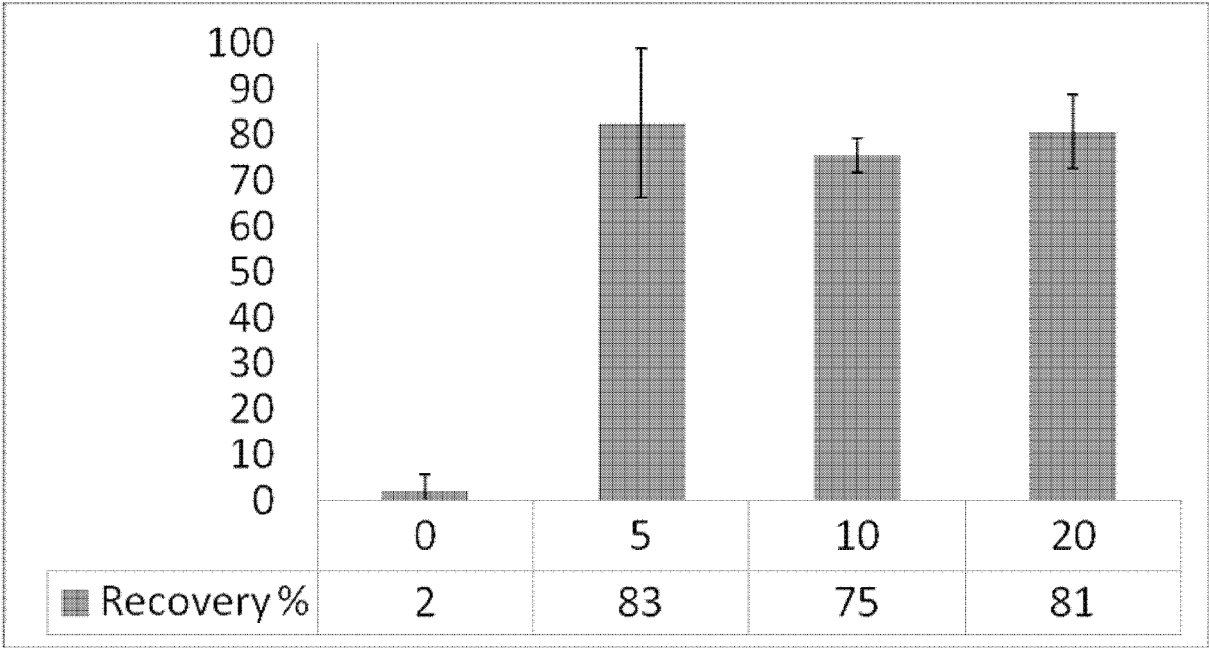


Fig. 17a

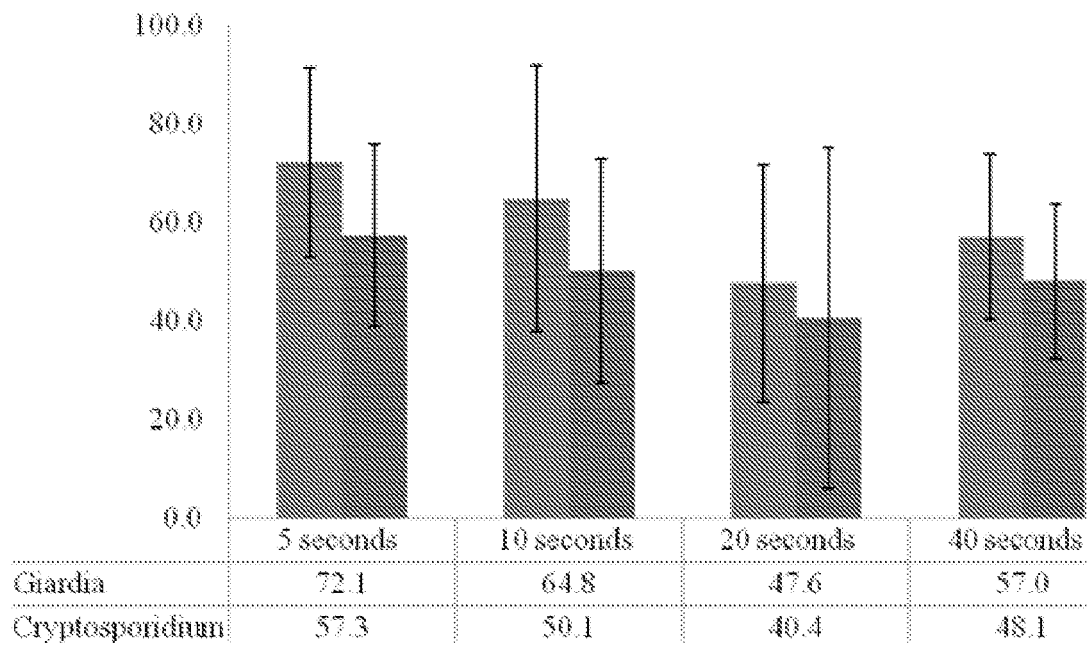


Fig. 17b

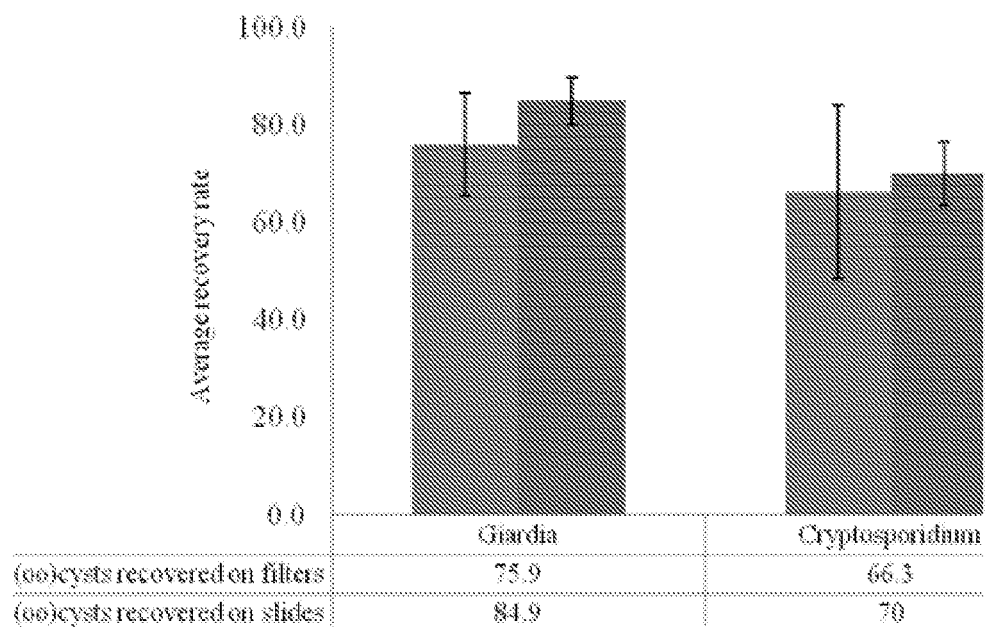


Fig. 17c

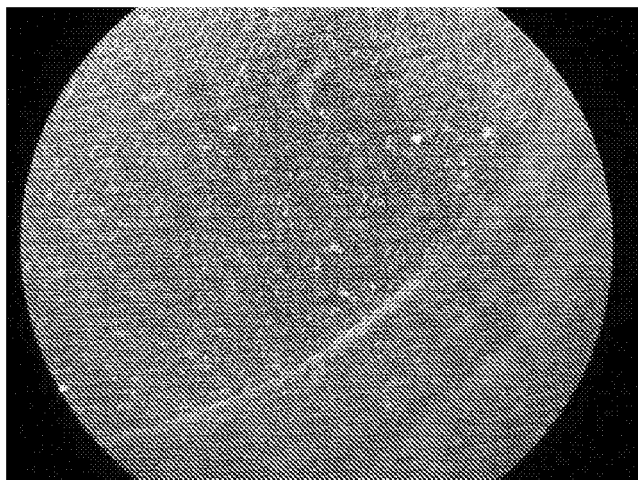


Fig. 18a

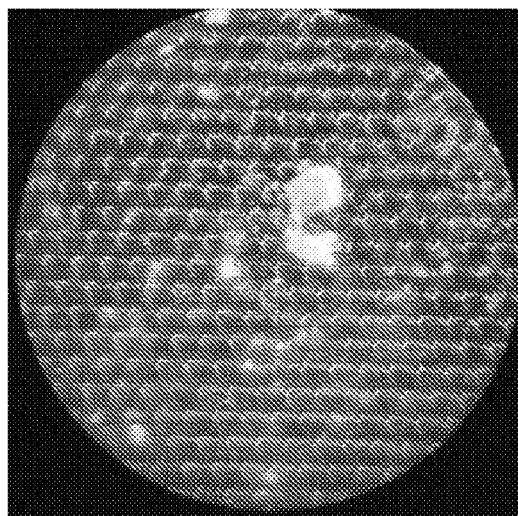


Fig. 18b

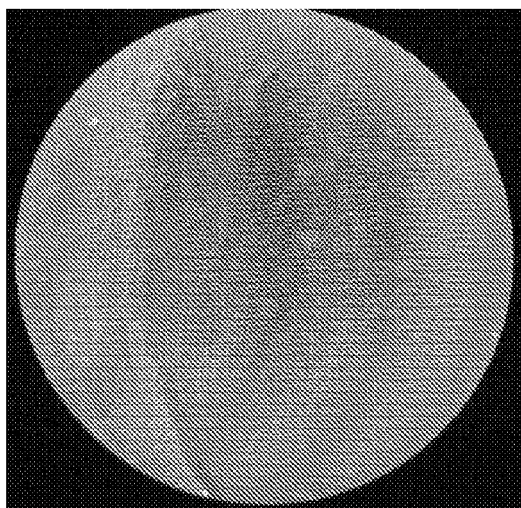


Fig. 18c

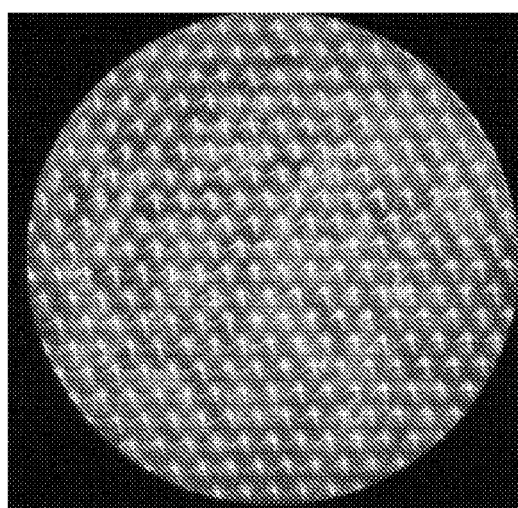
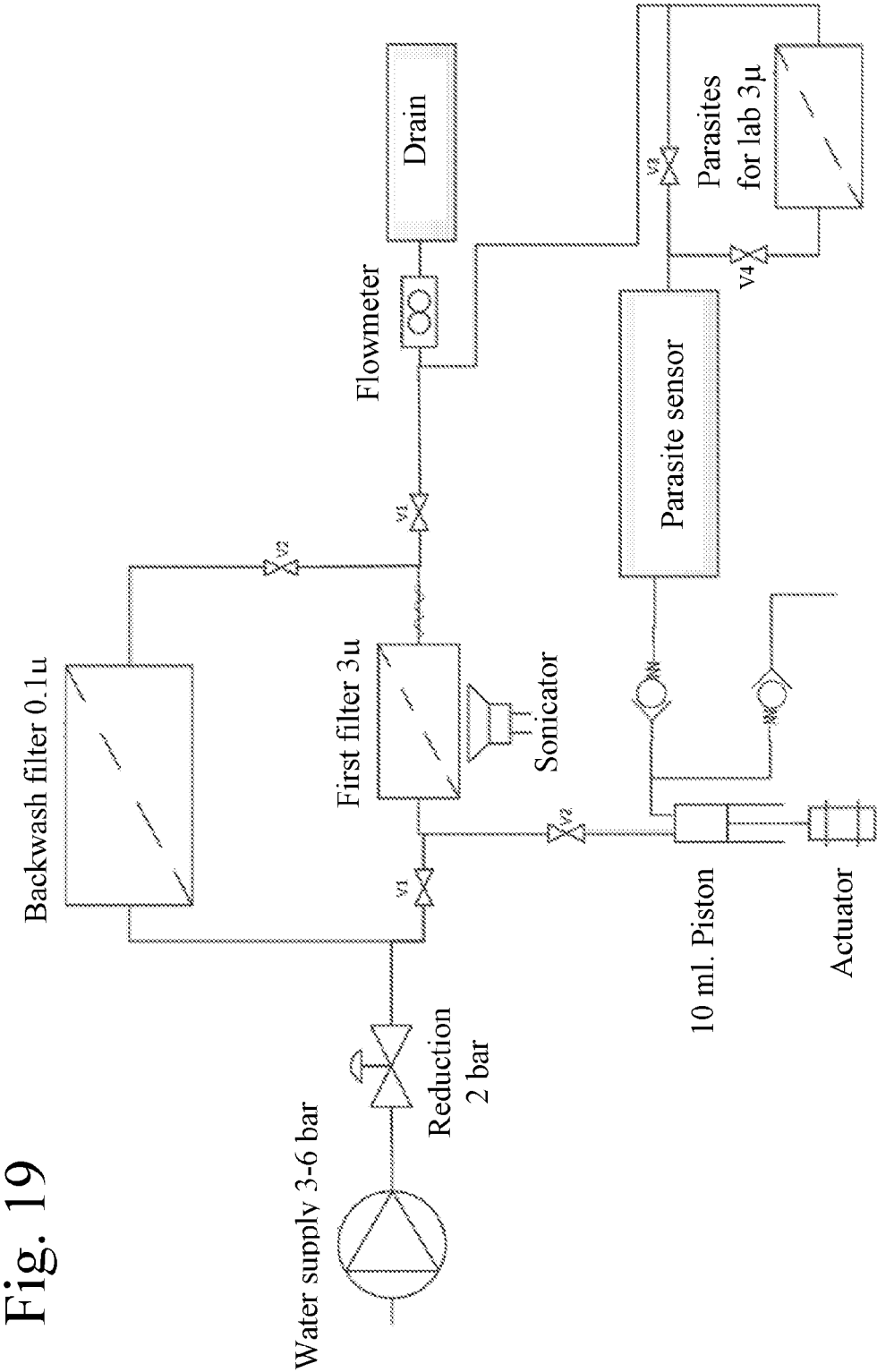


Fig. 18d



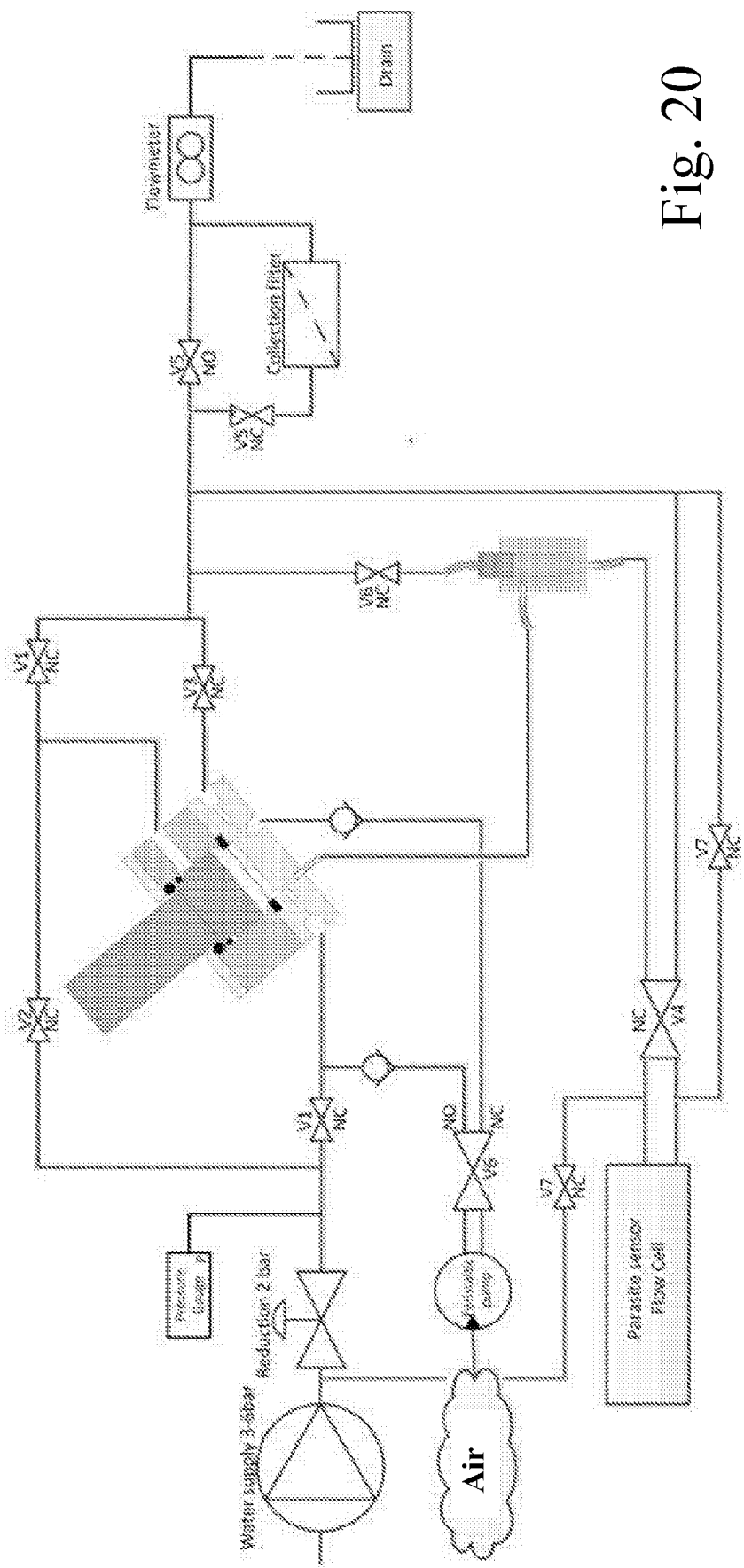


Fig. 20