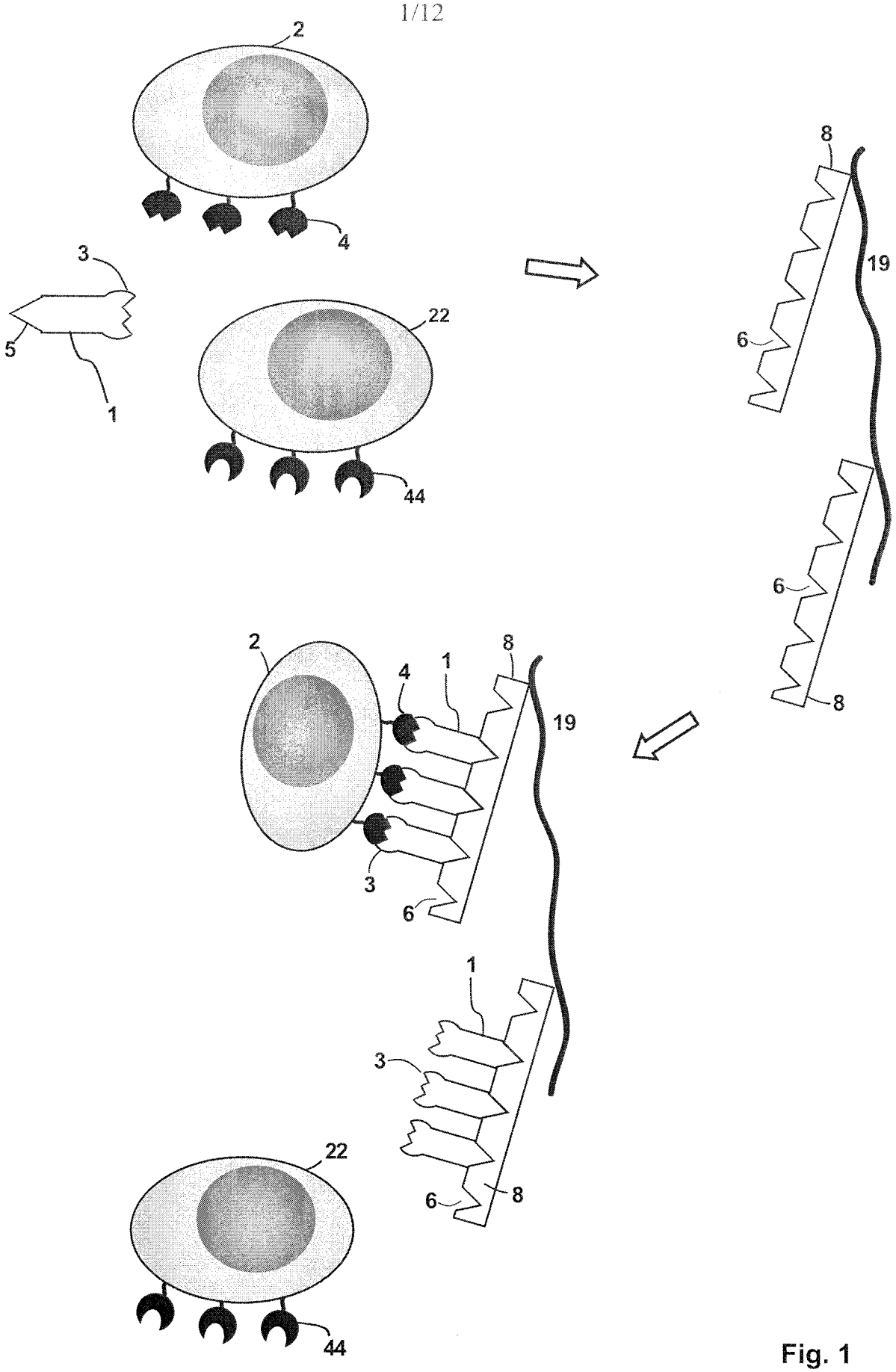


Fig. 1

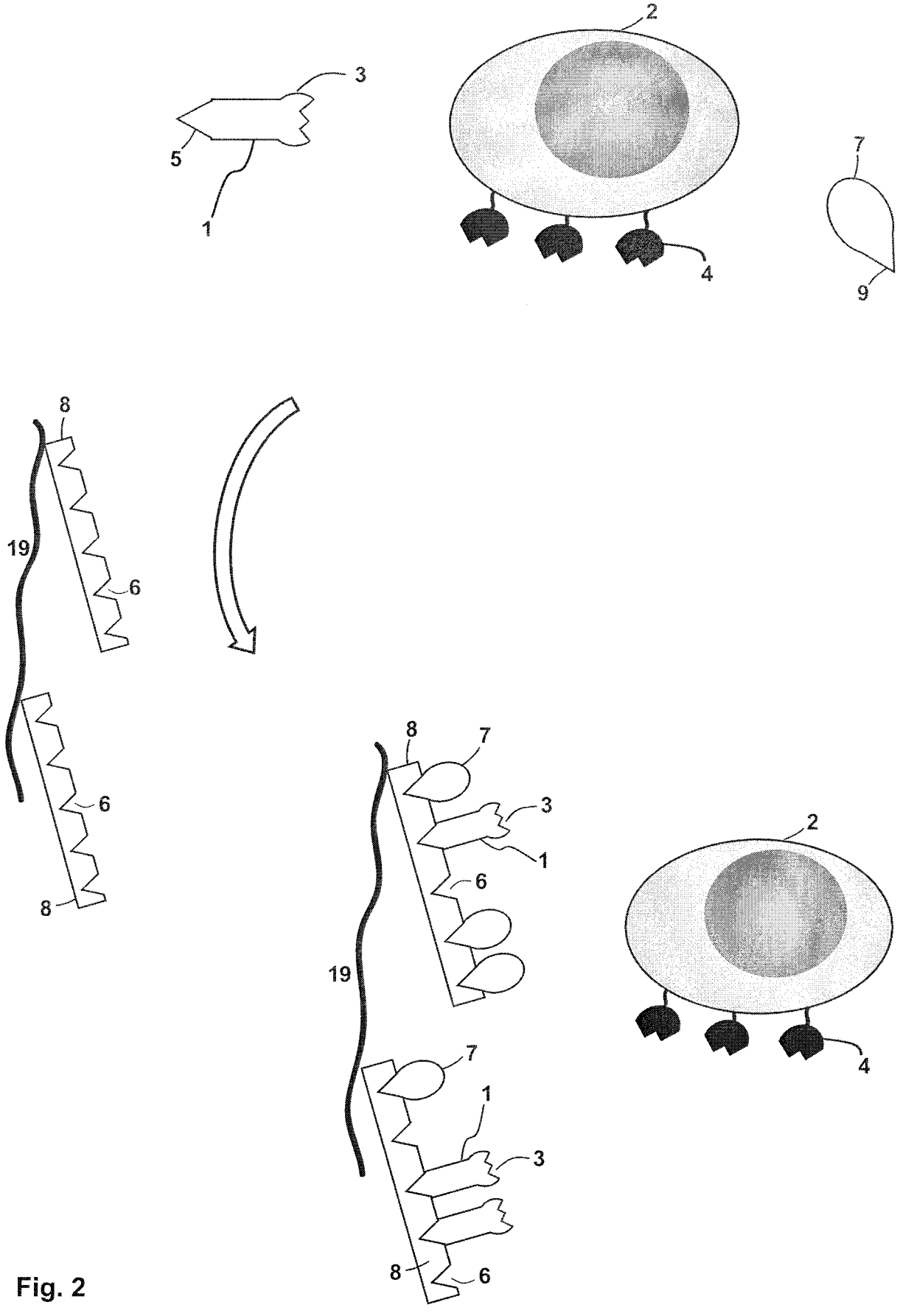


Fig. 2

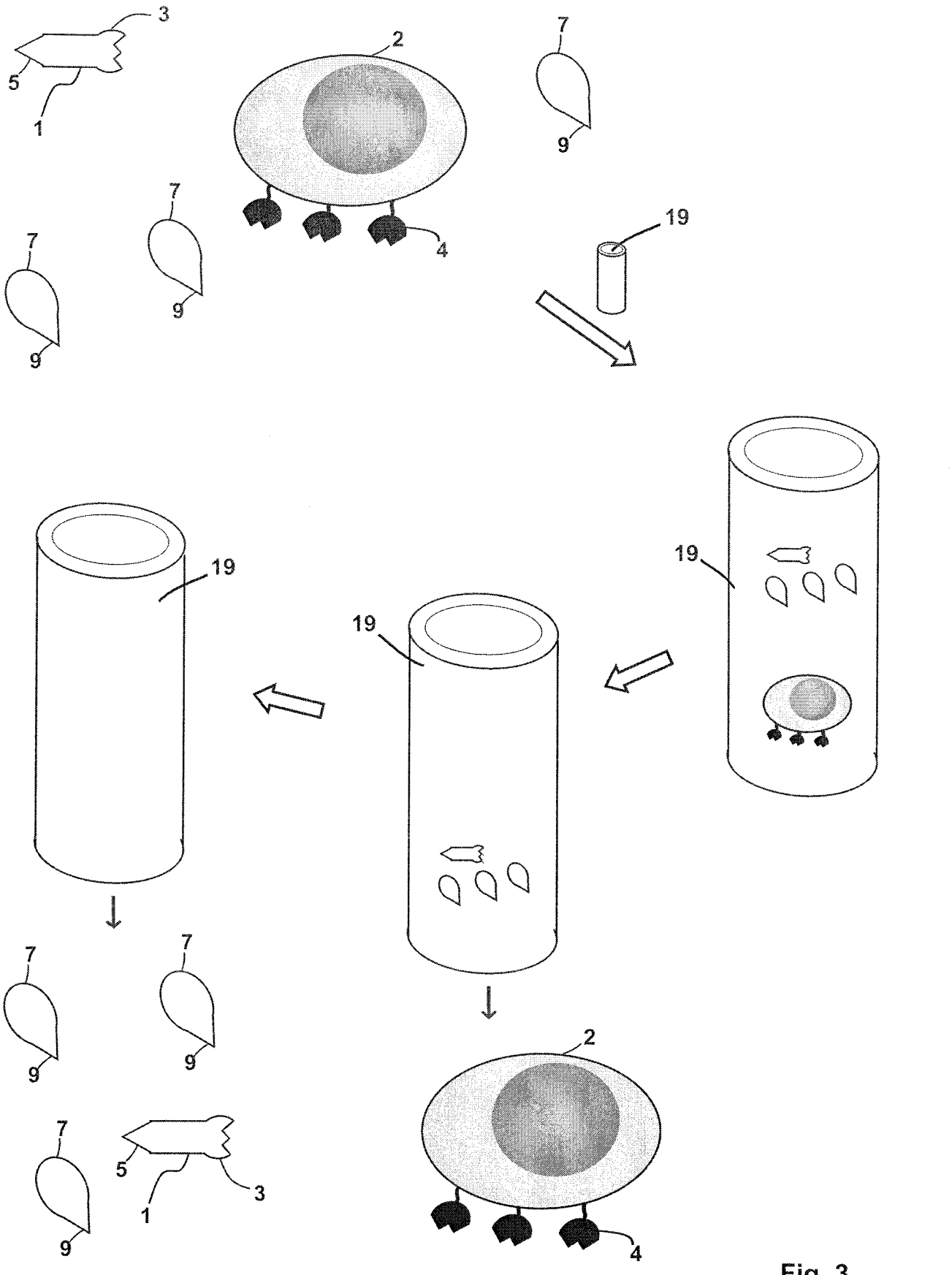


Fig. 3

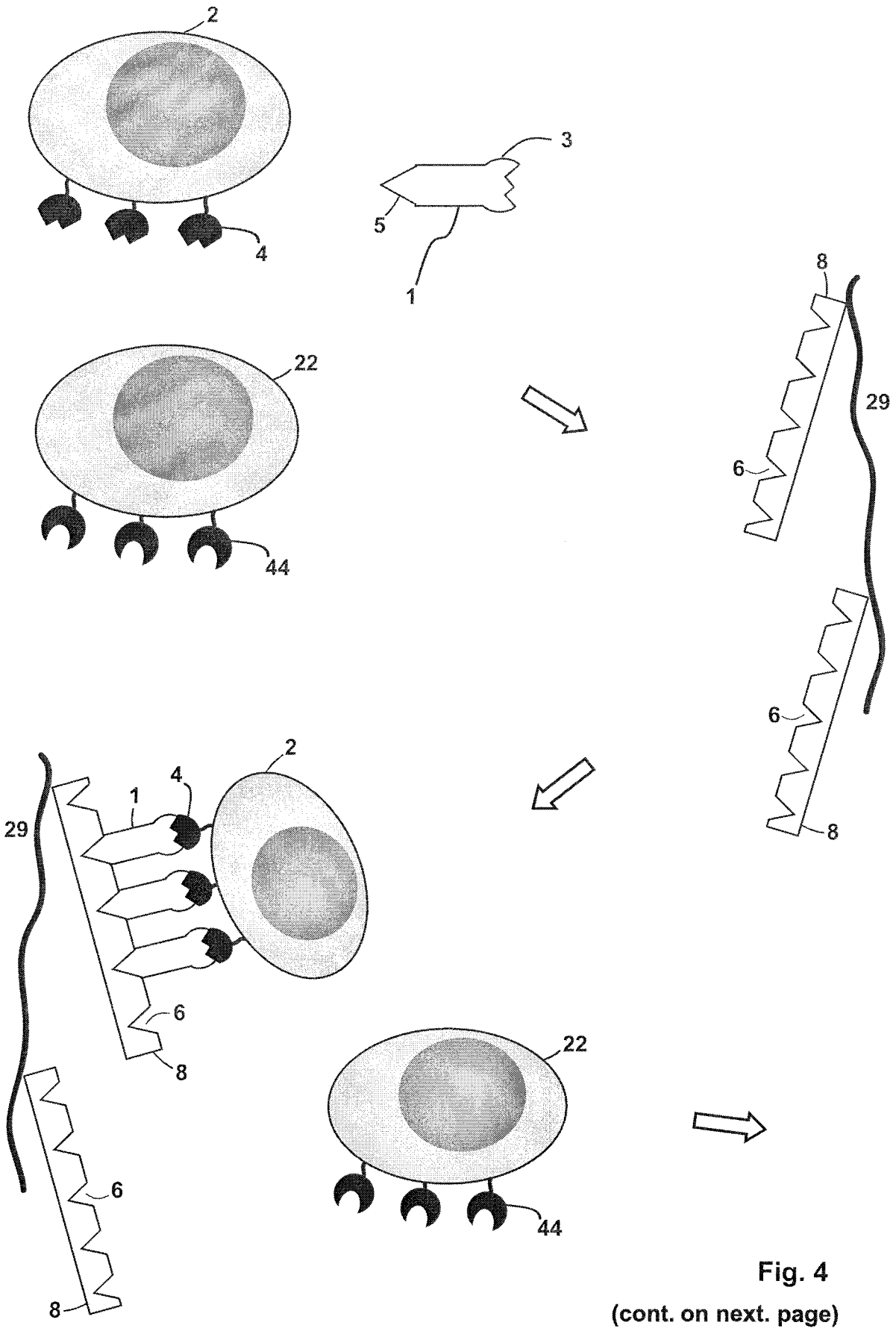


Fig. 4

(cont. on next. page)

(cont. from prev. page)

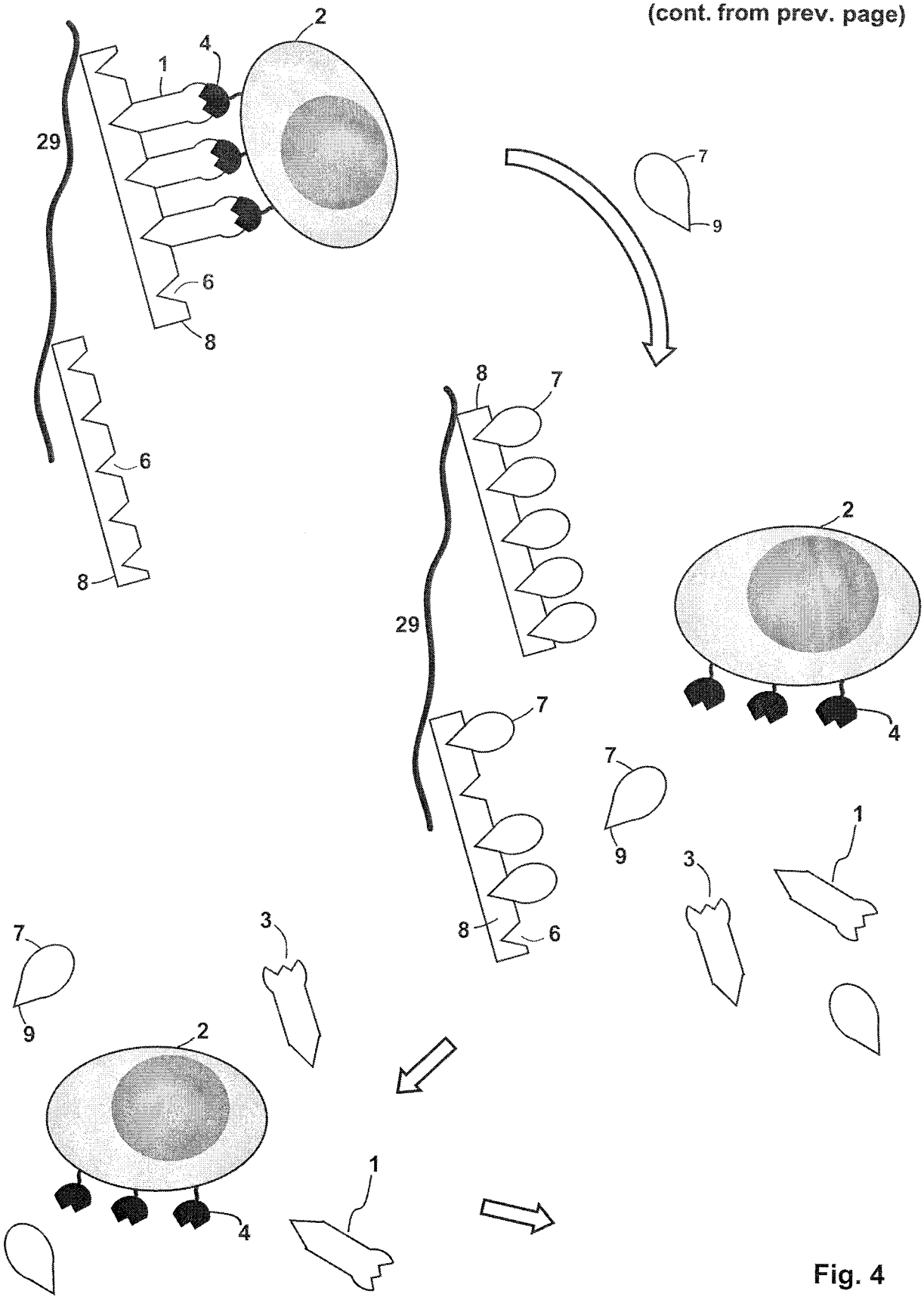


Fig. 4

(cont. on next page)

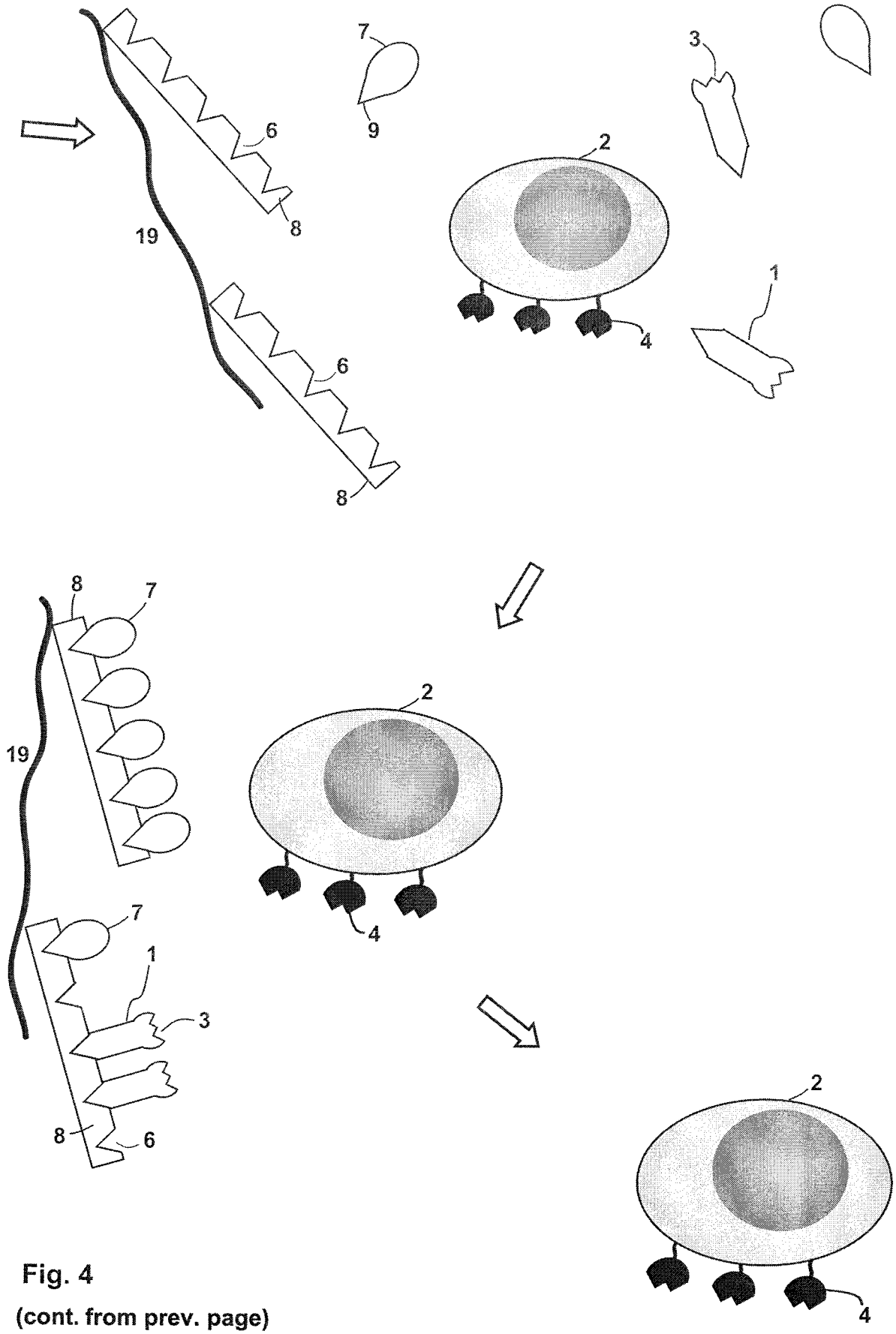


Fig. 4

(cont. from prev. page)

A. before selection

B. wash through fraction

C. 1. elution fraction immediately with D-Biotin

D. 2. elution fraction after D-Biotin and subsequent washing

E. wash through fraction

F. 1. elution fraction immediately with D-Biotin

G. 2. elution fraction after D-Biotin and subsequent washing

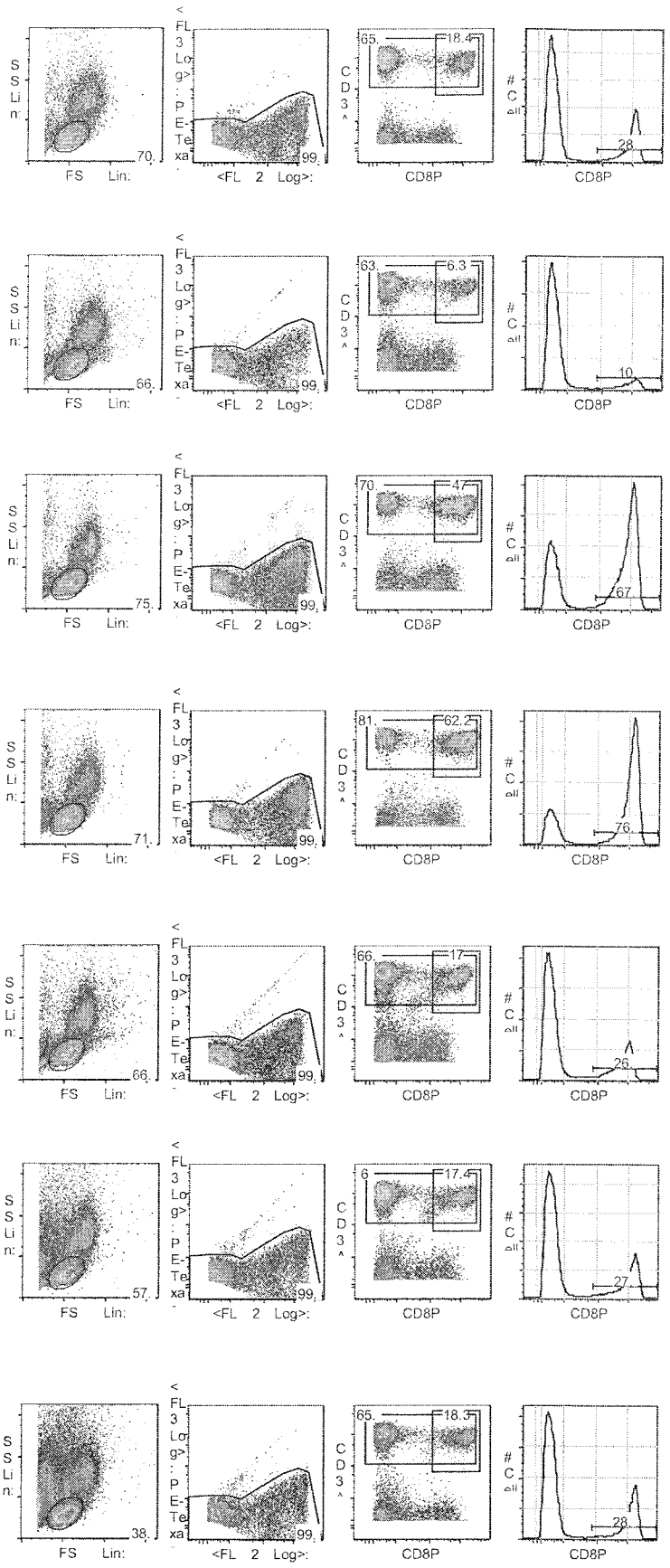


Fig. 5

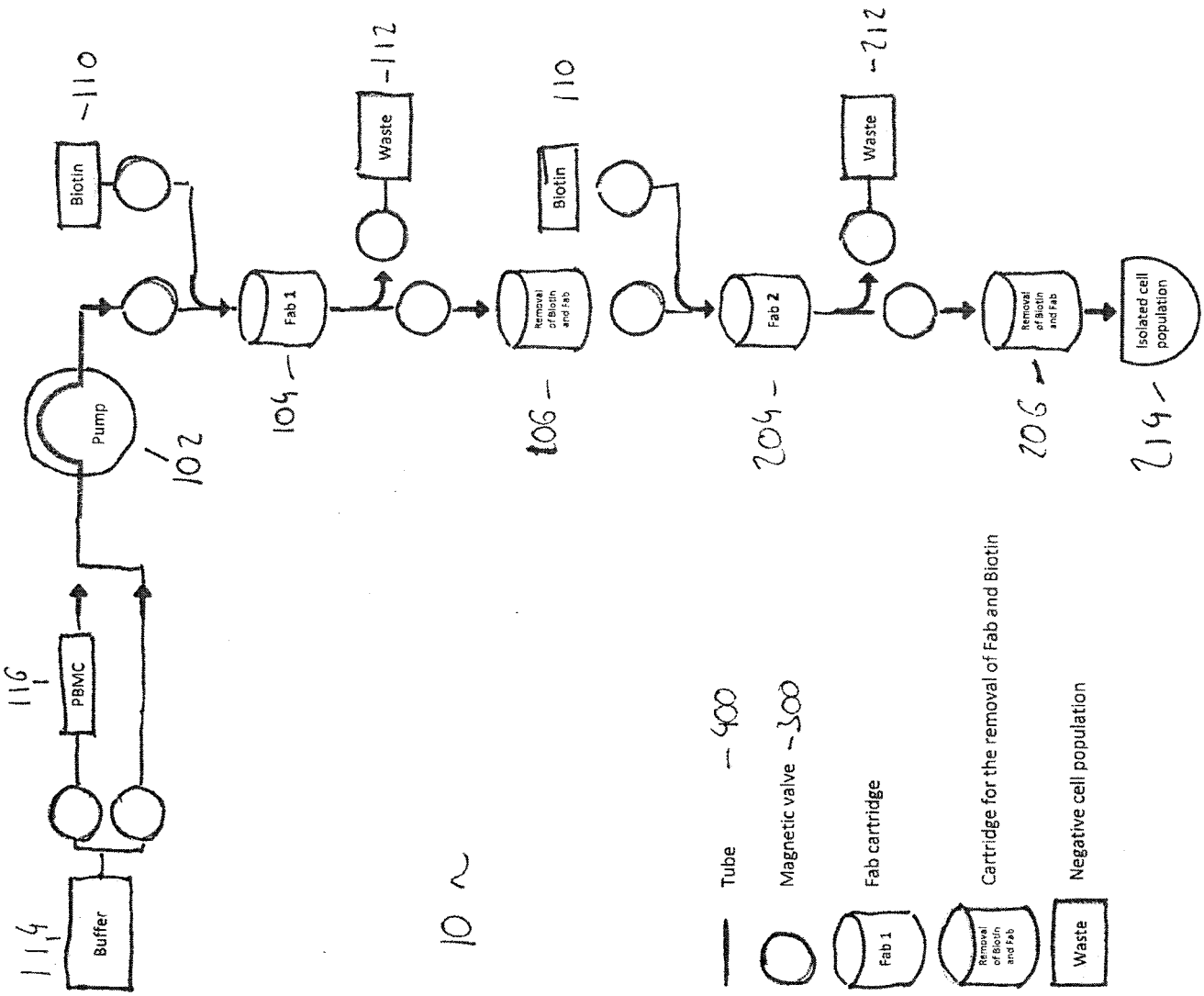

Buffer
PBMC
Pump
Biotin
Fab 1
Waste
Removal of Biotin and Fab
Biotin
Fab 2
Waste
Removal of Biotin and Fab
Isolated cell population
Tube
Magnetic valve
Fab cartridge
Cartridge for the removal of Fab and Biotin
Negative cell population
Fab 1
Removal of Biotin and Fab
Waste

Fig. 6a

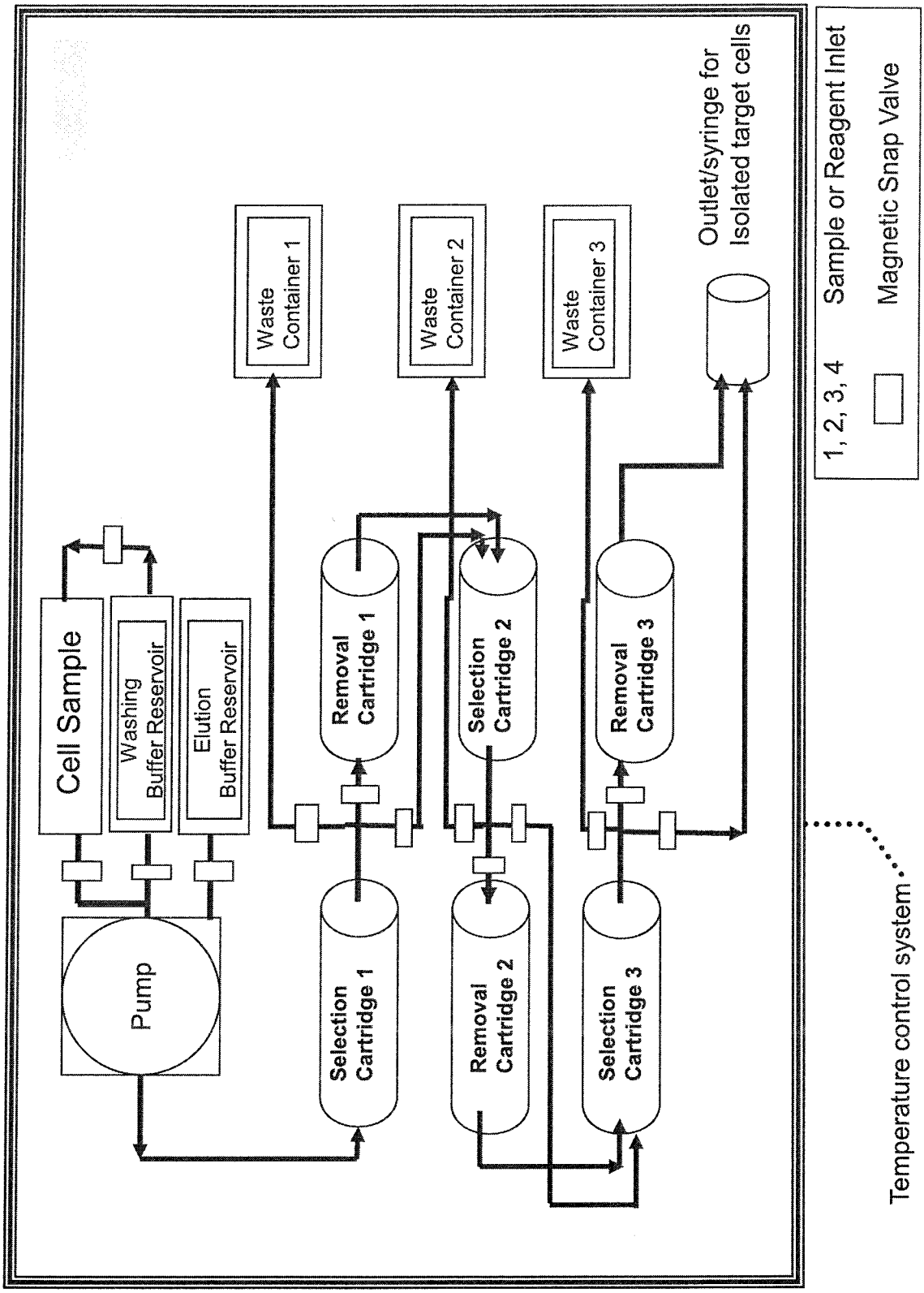
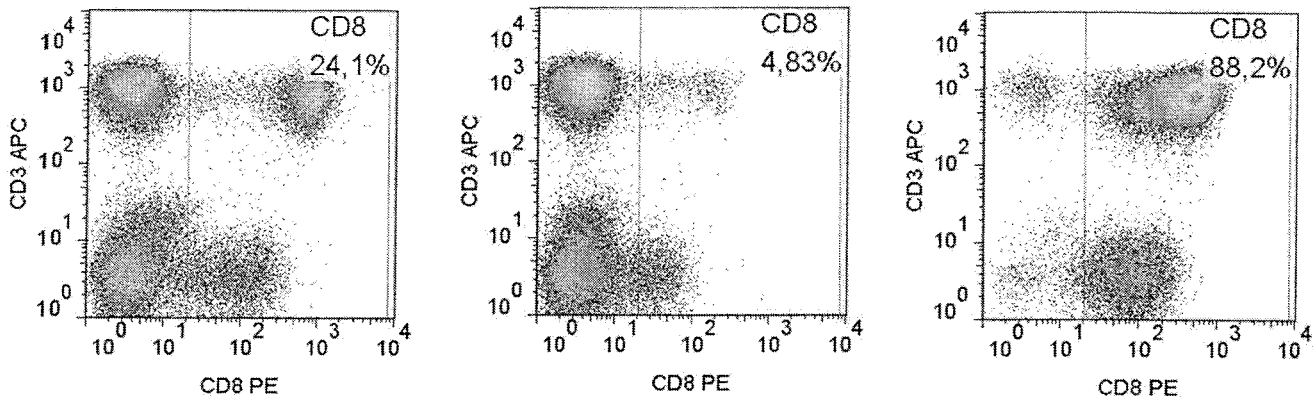
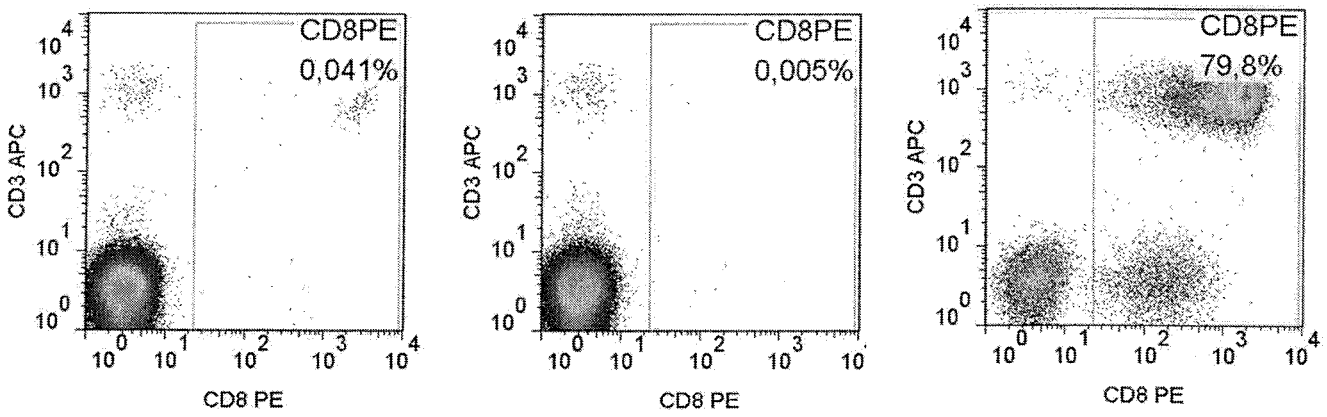

Cell Sample
Washing Buffer Reservoir
Elution Buffer Reservoir
Pump
Waste Container 1
Waste Container 2
Waste Container 3
Outlet/syringe for Isolated target cells
Removal Cartridge 1
Selection Cartridge 1
Selection Cartridge 2
Removal Cartridge 2
Removal Cartridge 3
Selection Cartridge 3
1, 2, 3, 4 Sample or Reagent Inlet
Magnetic Snap Valve
Temperature control system

Fig.6b



(a) (b) (c)

Fig. 7



(a) (b) (c)

Fig. 8

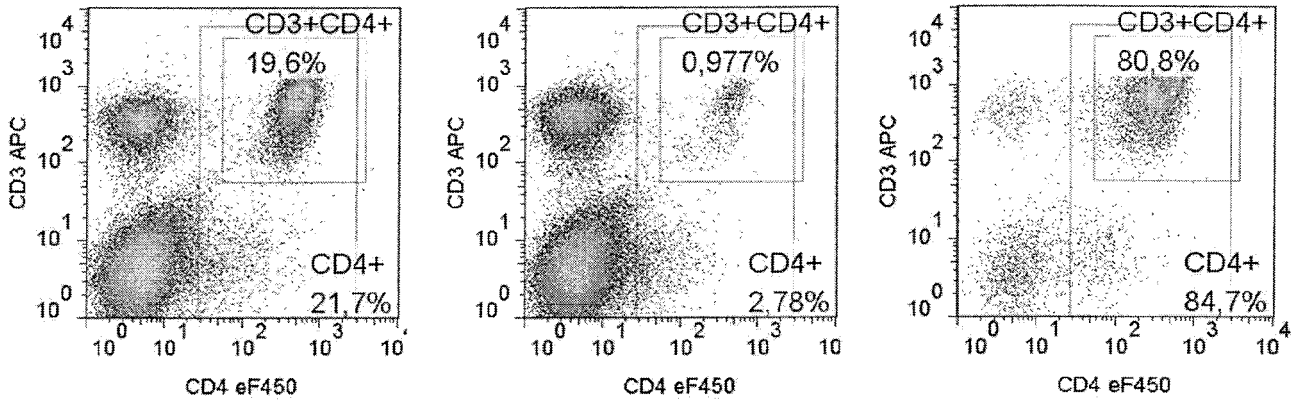
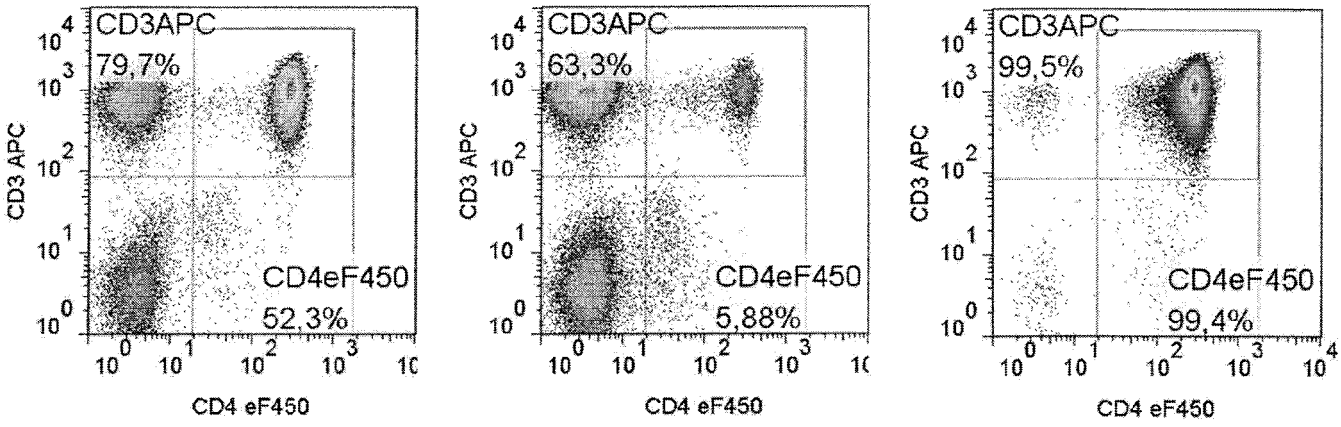


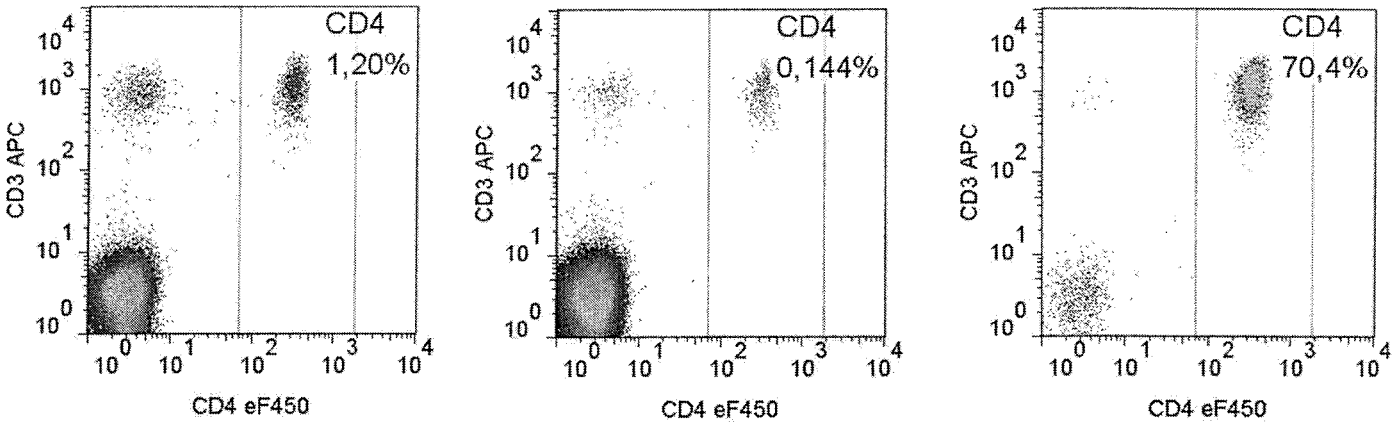
Fig. 9

(a) (b) (c)



(a) (b) (c)

Fig. 10


CD4
1,20%
CD3 APC
CD4 eF450
CD4
0,144%
CD3 APC
CD4 eF450
CD4
70,4%
CD3 APC
CD4 eF450

(a) (b) (c)

Fig. 11