



Fig. 1

Fig. 2A

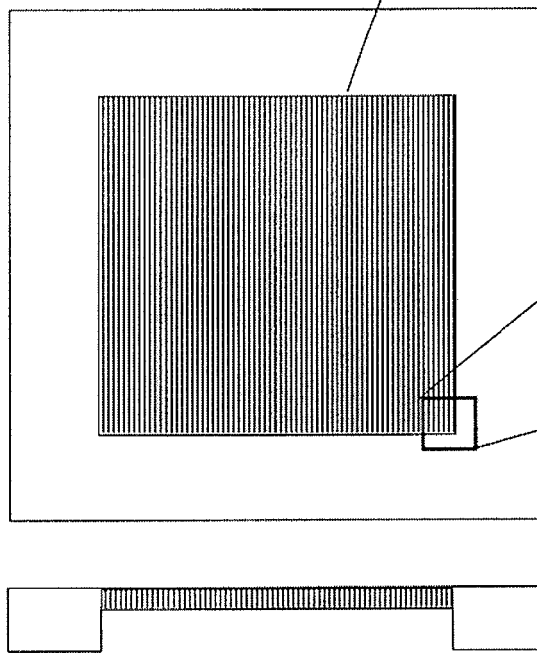
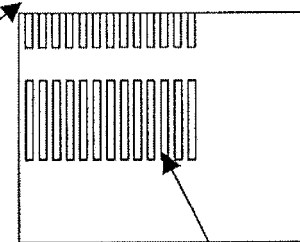


Fig. 2B



2

Fig. 2C

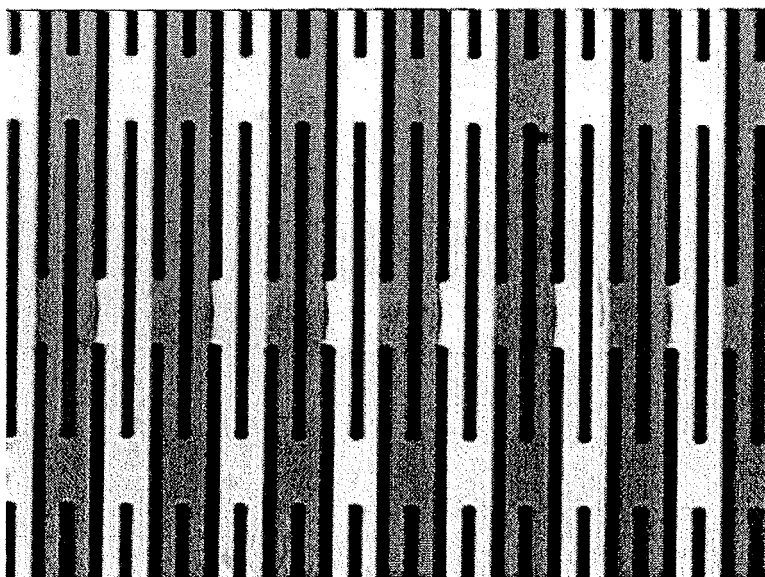


Fig. 3A

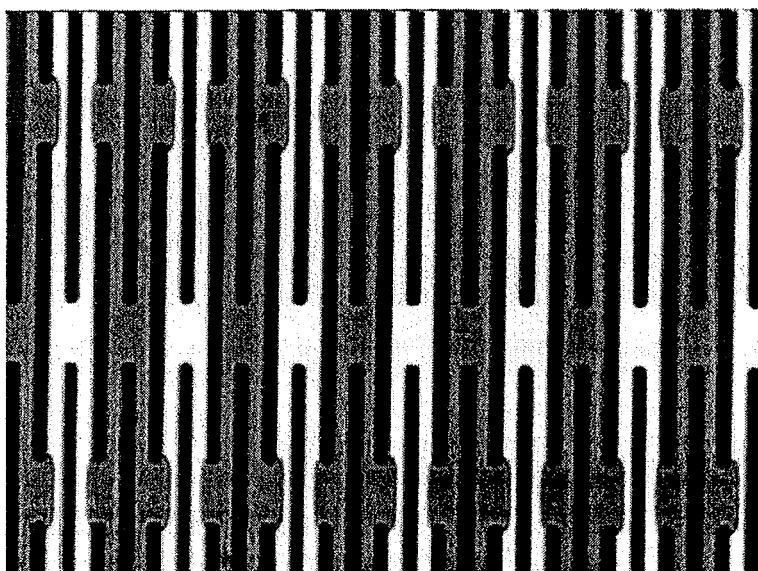


Fig. 3B

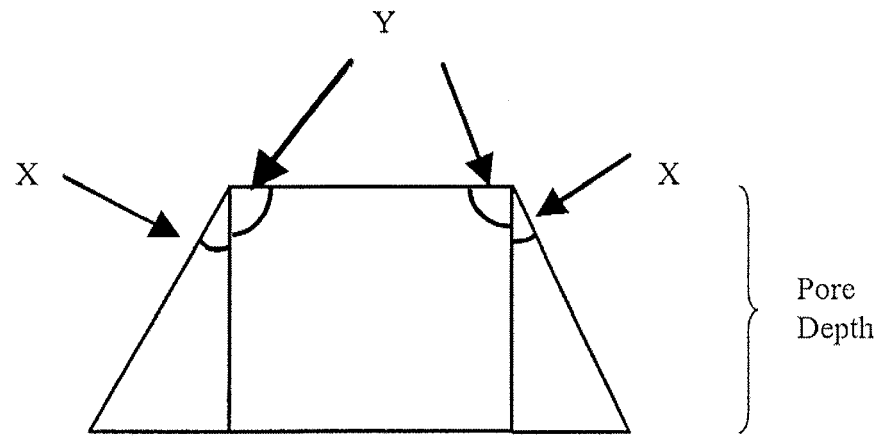


Fig. 4

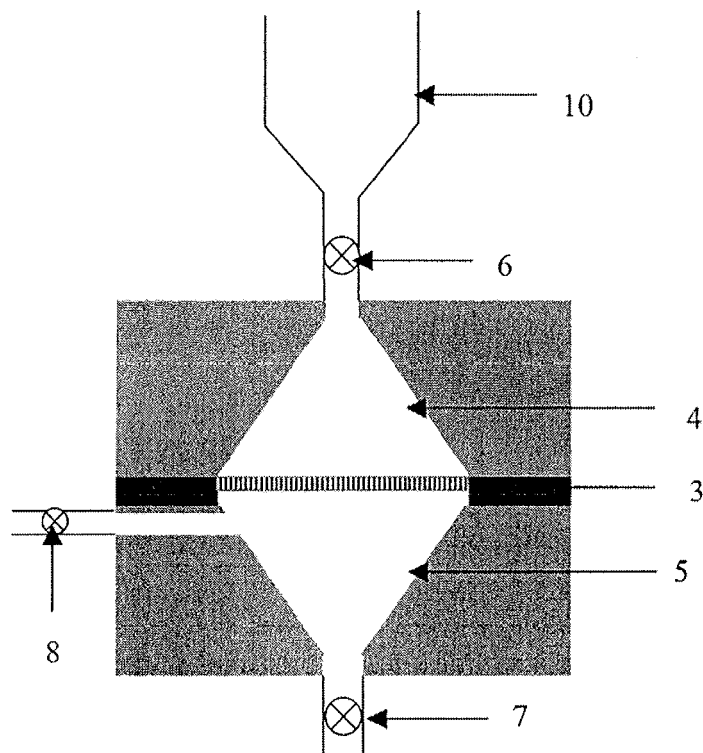


Fig. 5

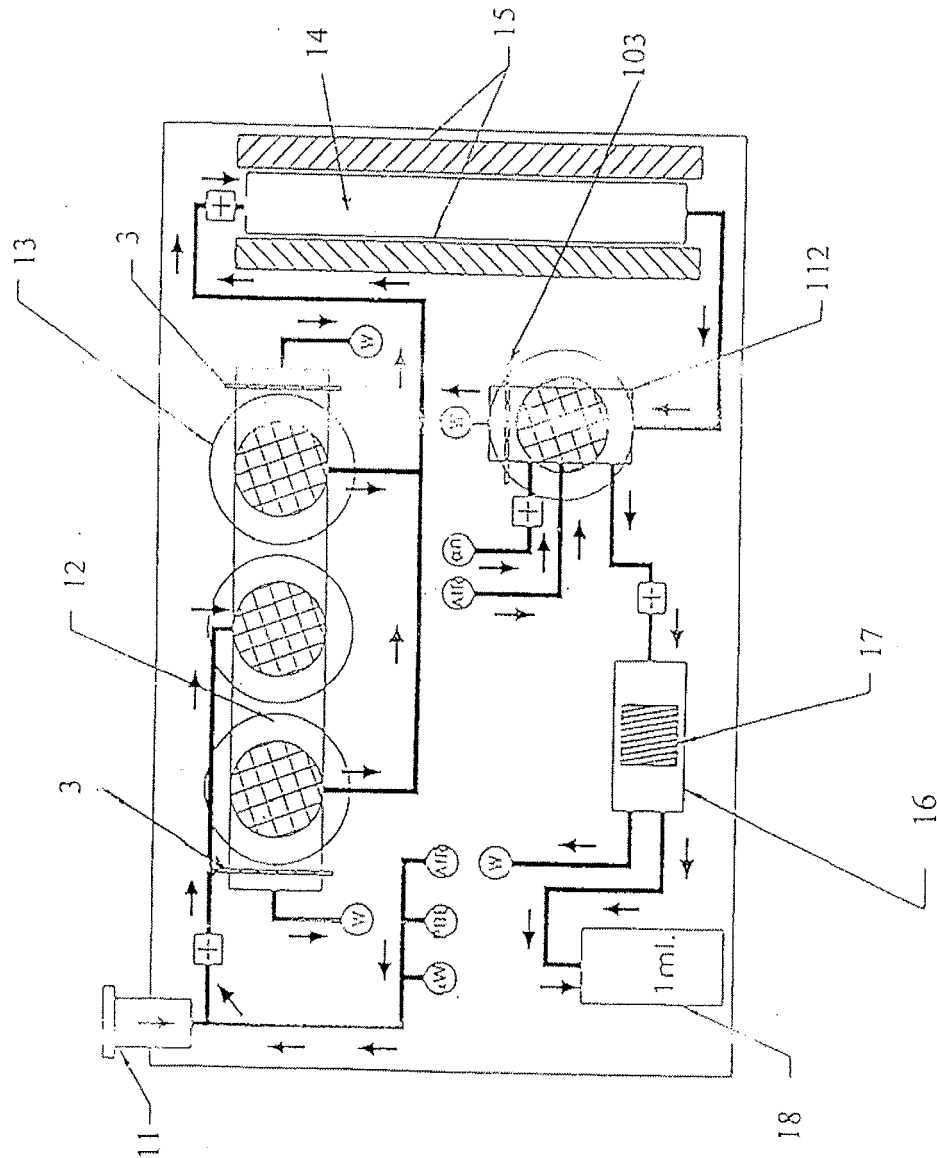


Fig. 6

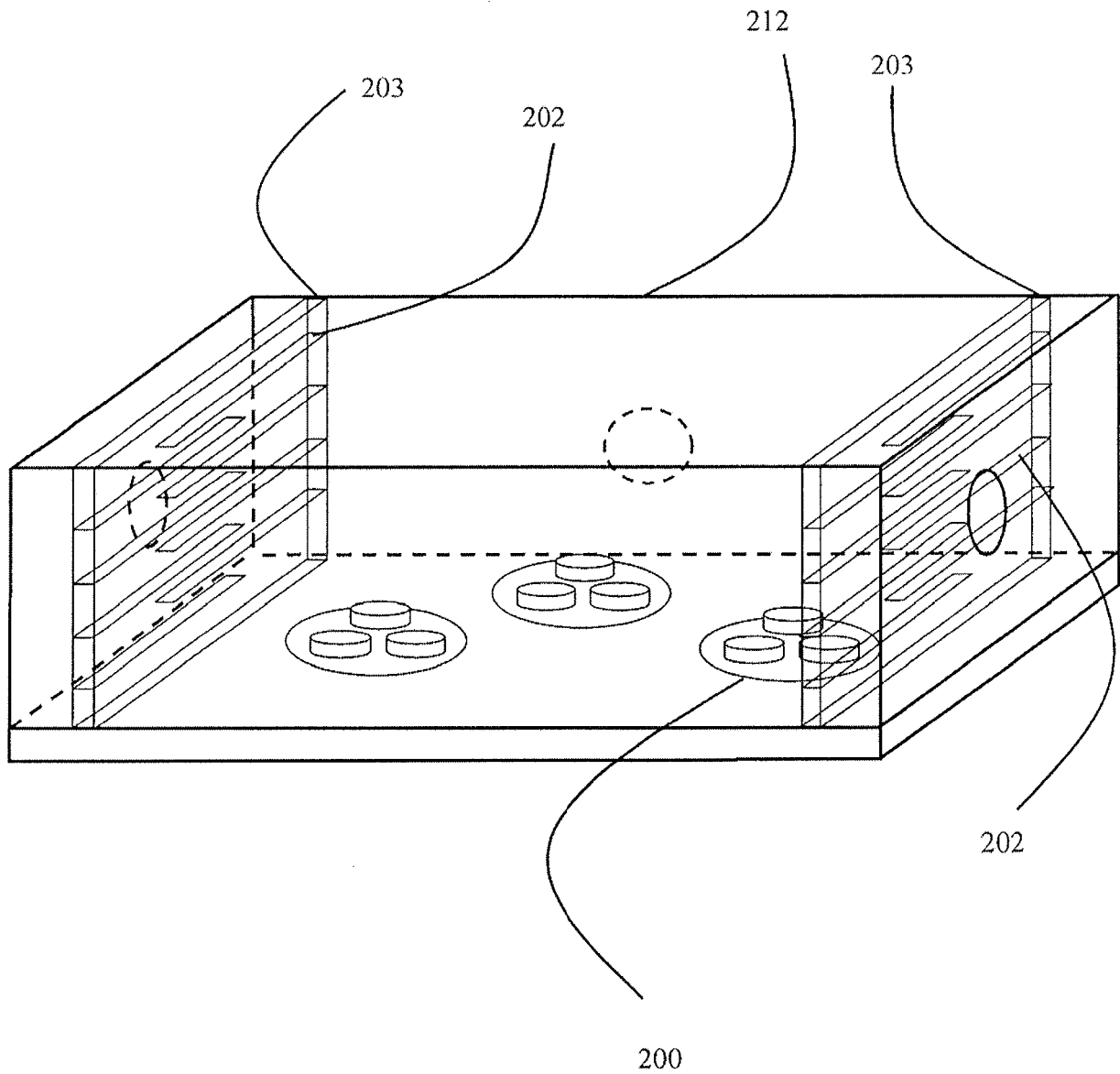


Fig. 7

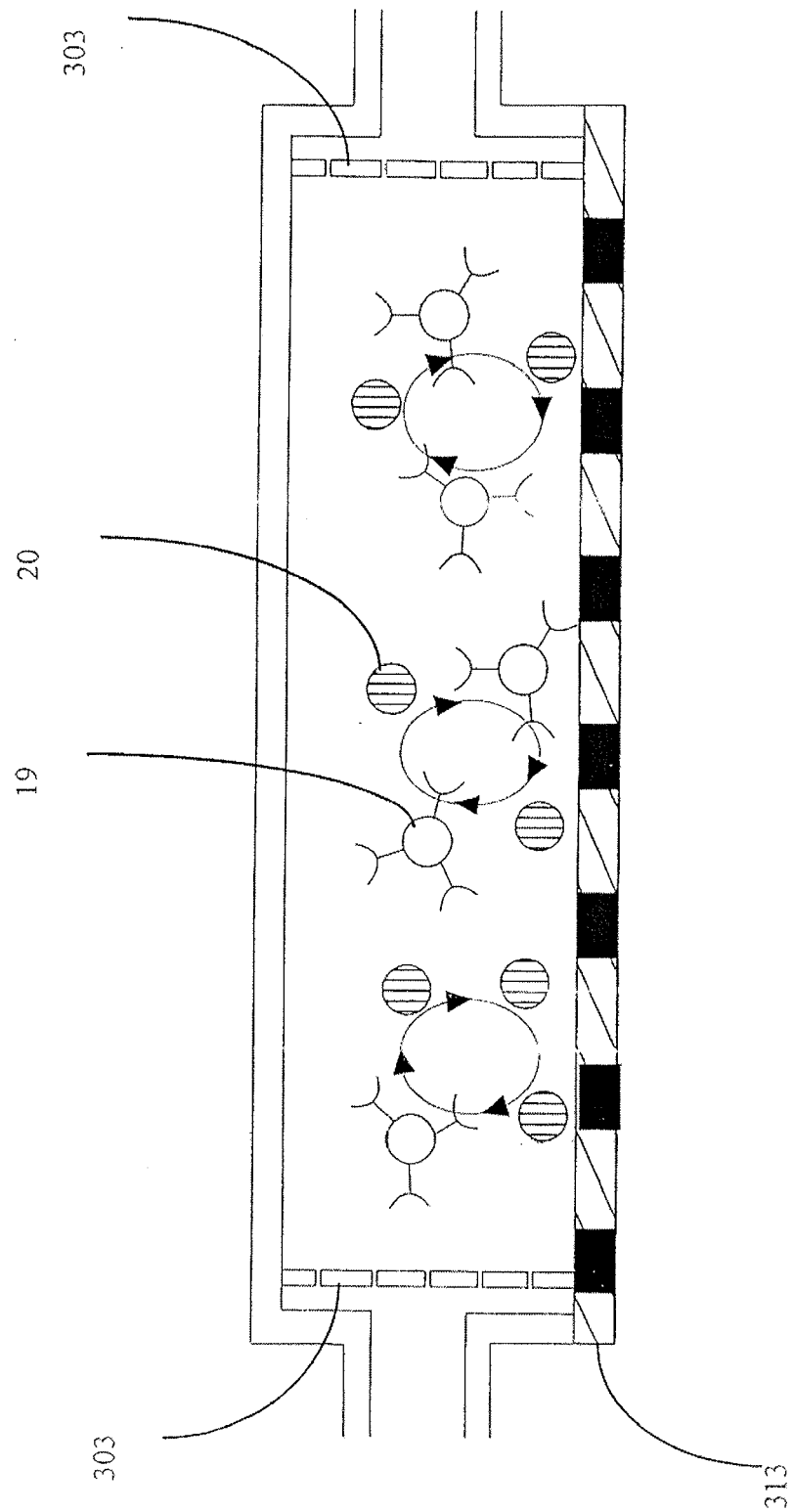


Fig. 8

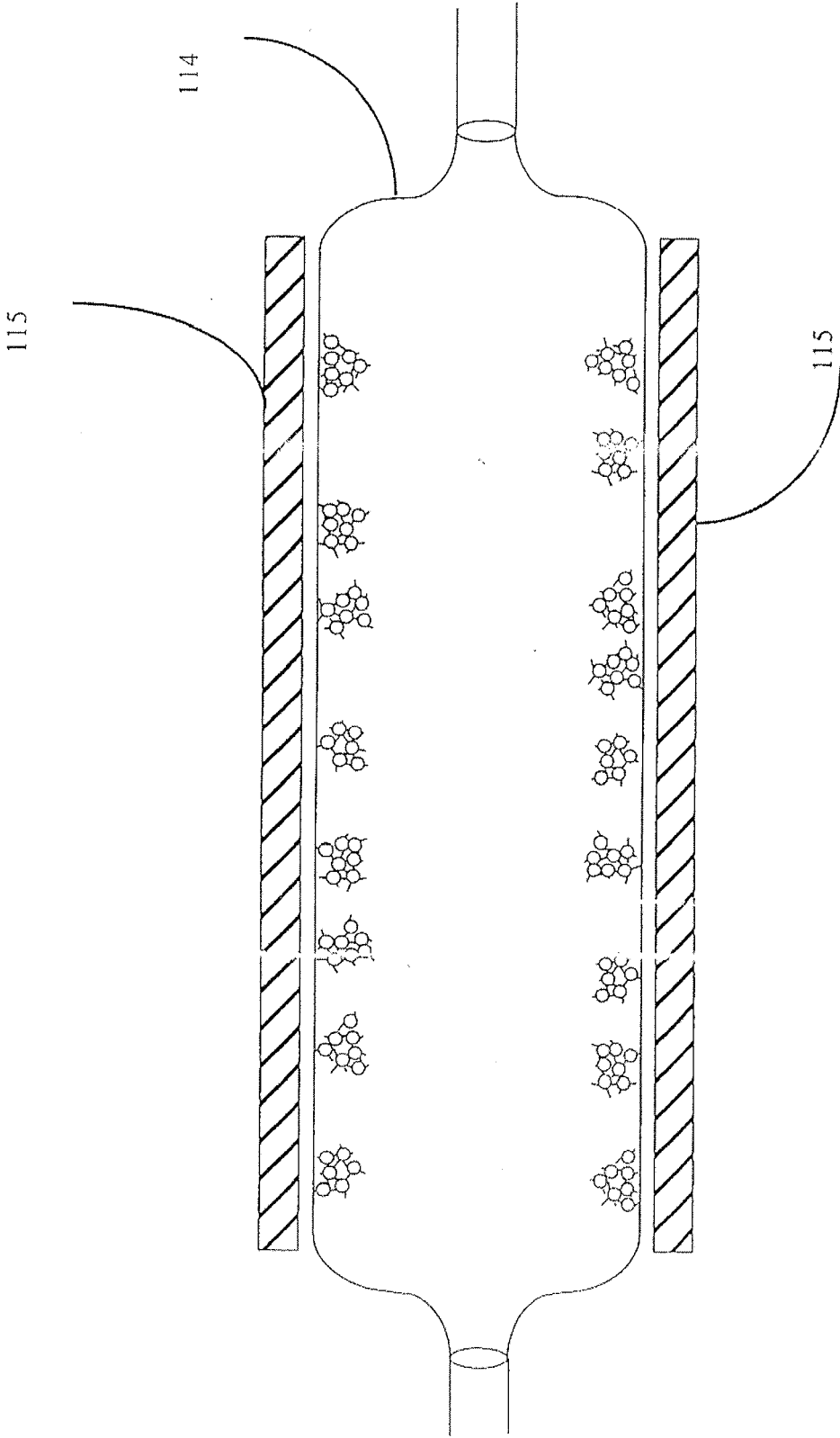


Fig. 9

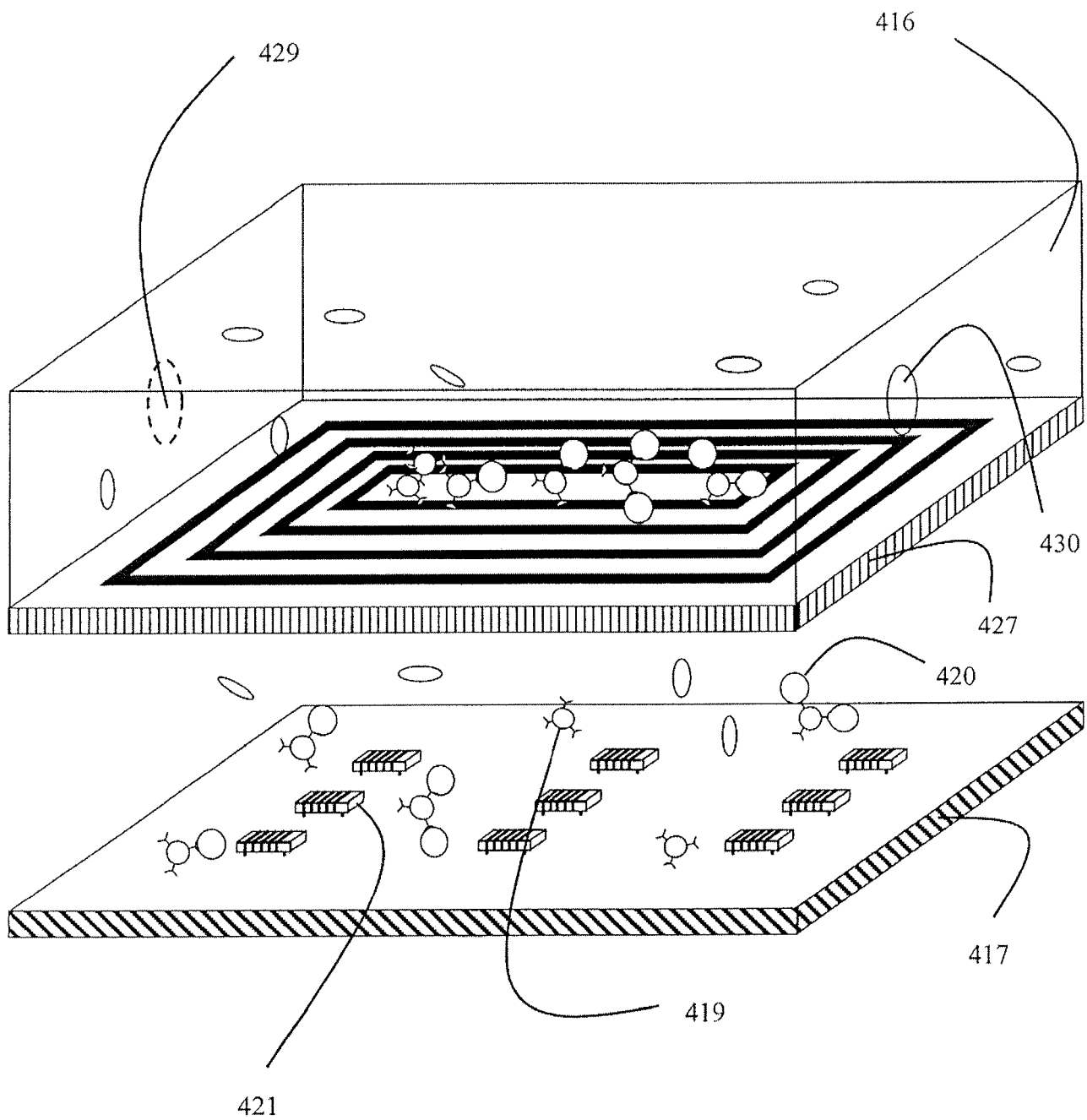


Fig. 10

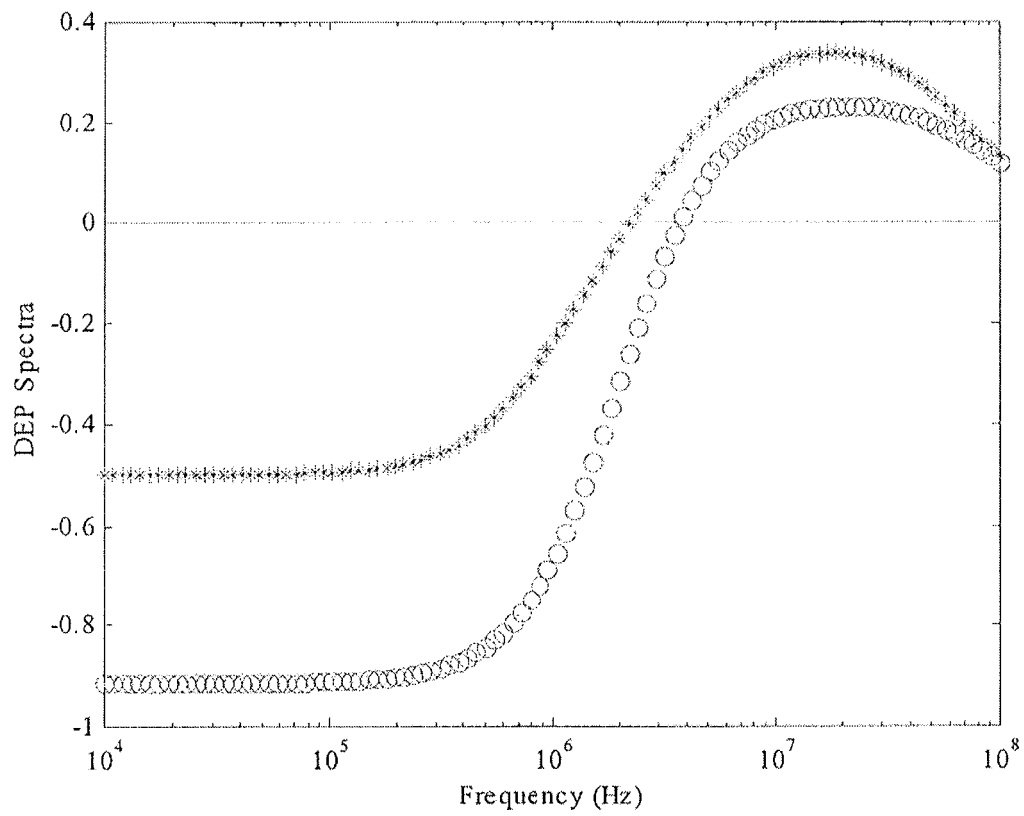


Fig. 11

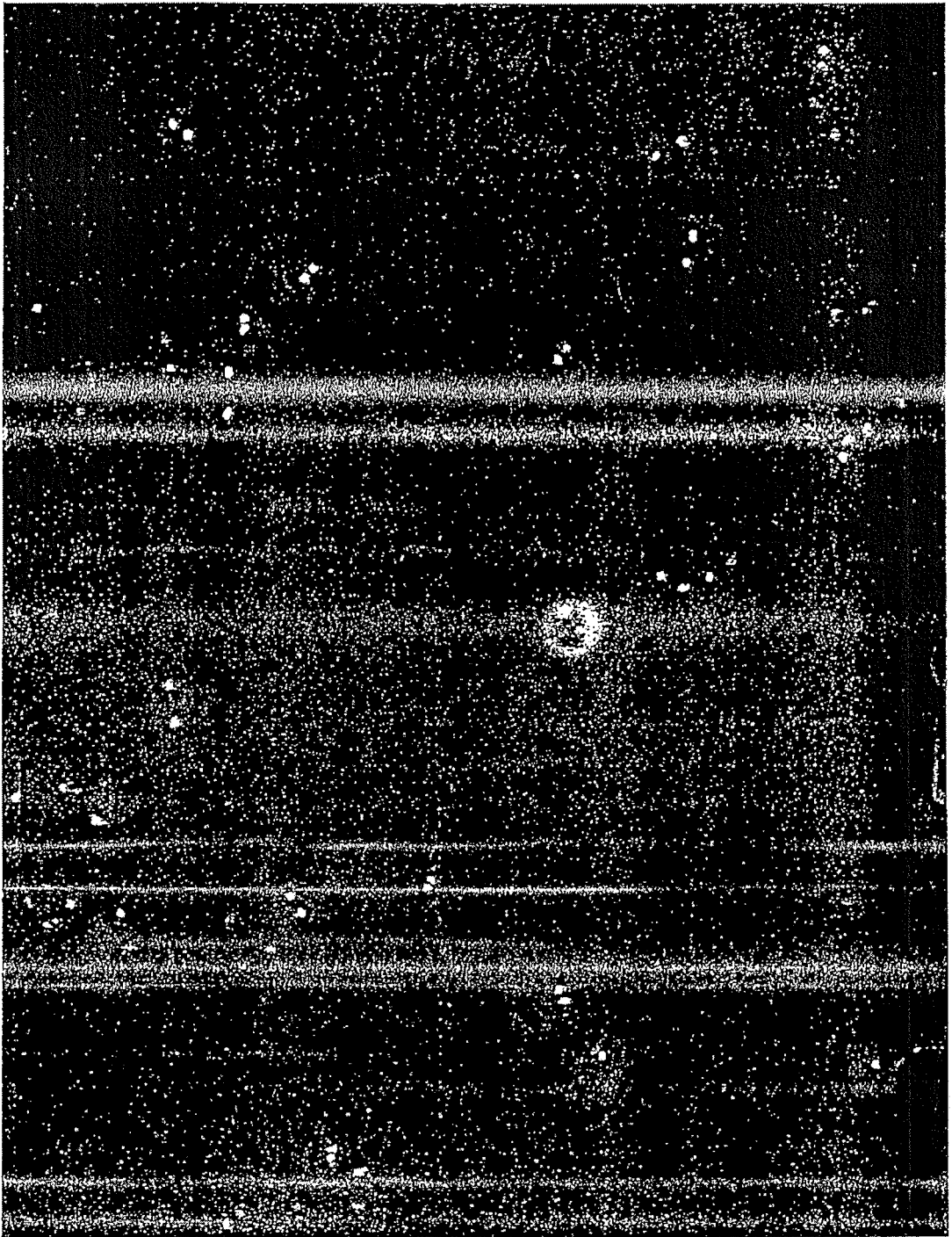


Fig. 12

### *Fetal Cell Process Flow Chart*

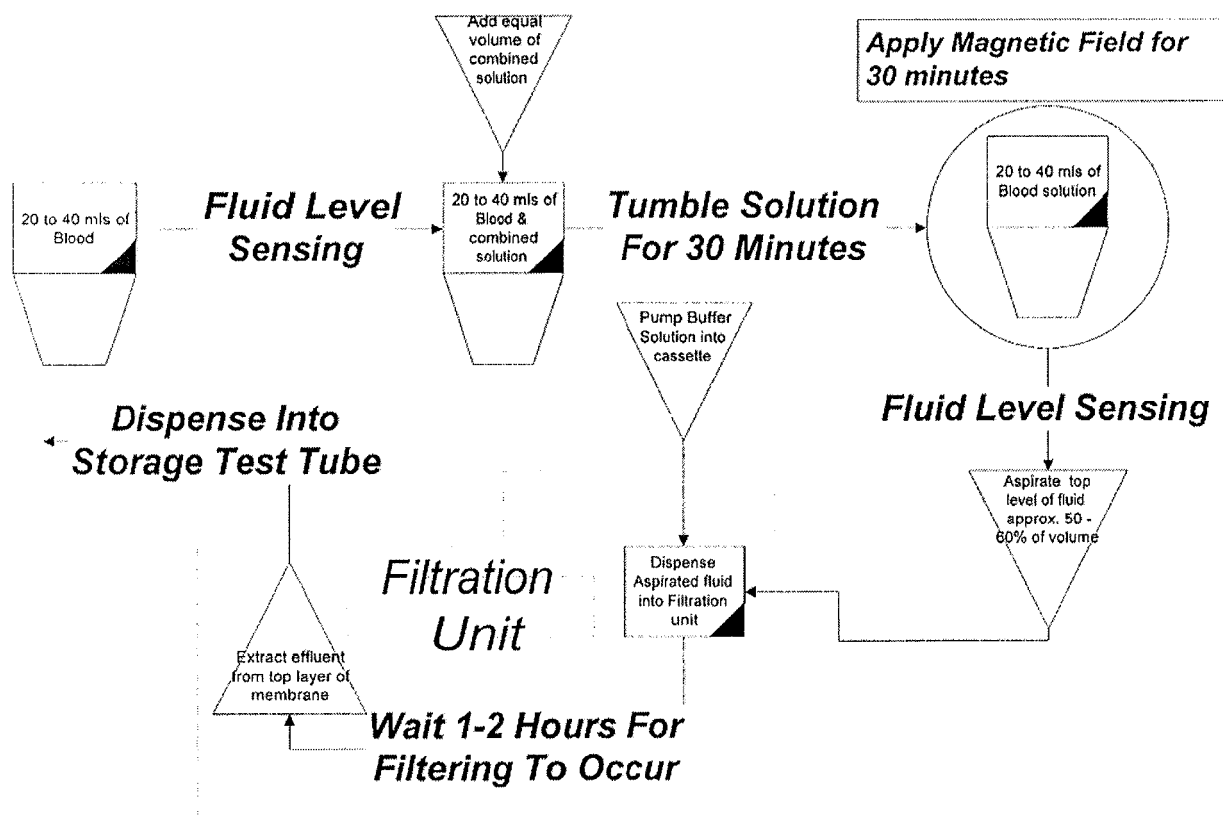


Fig. 13

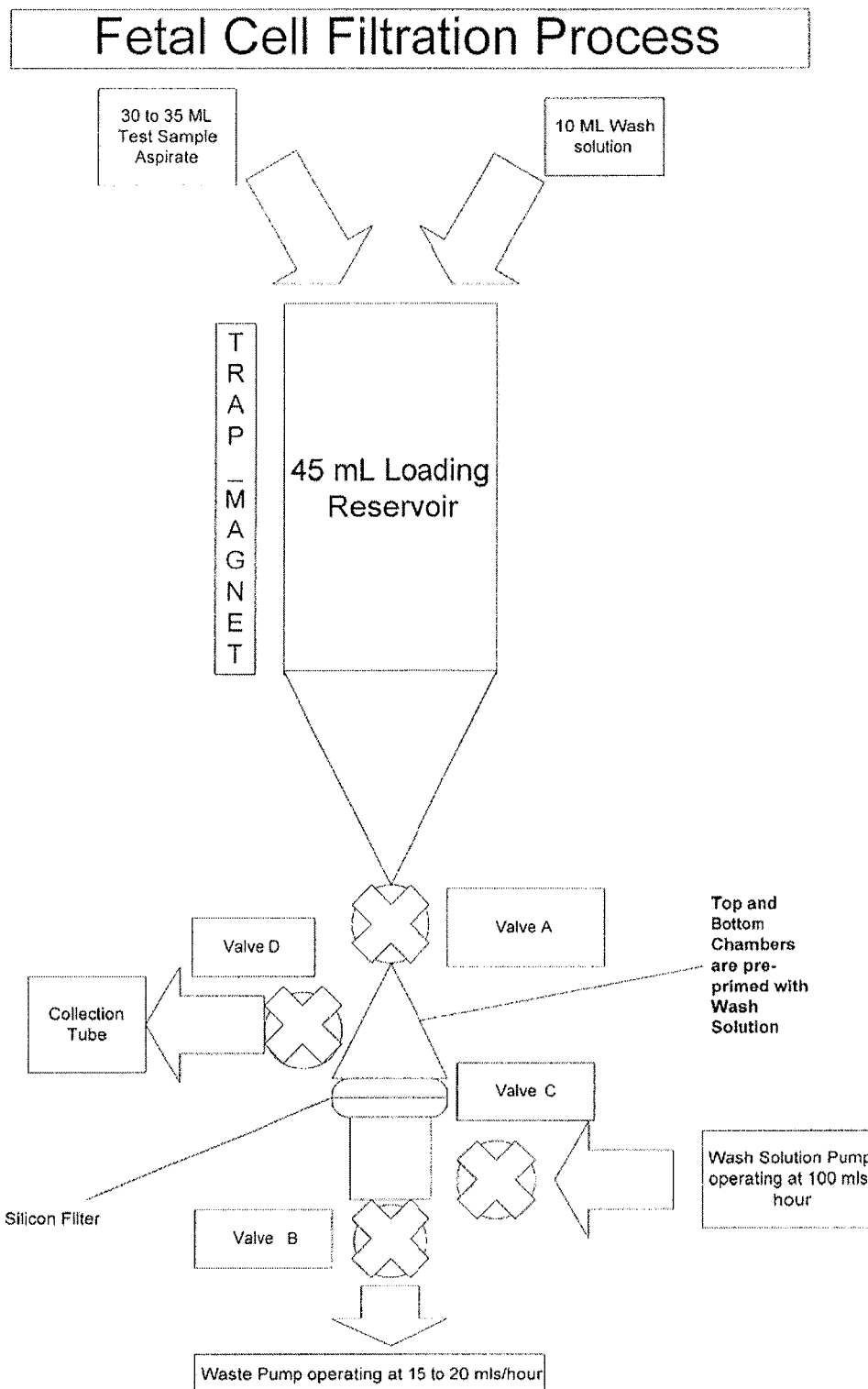


Fig. 14

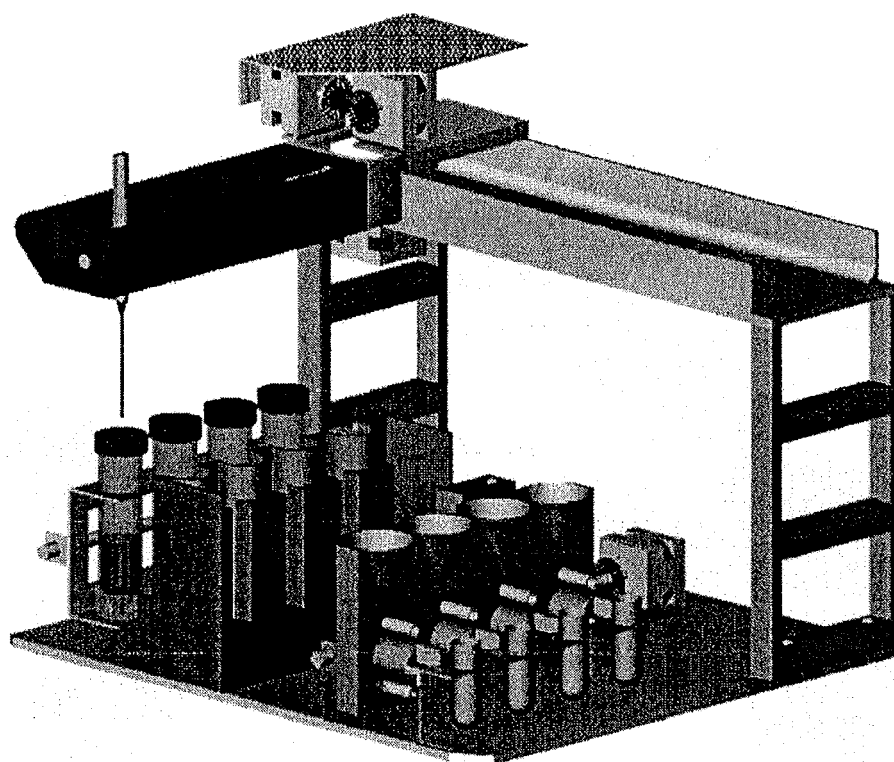


Fig. 15

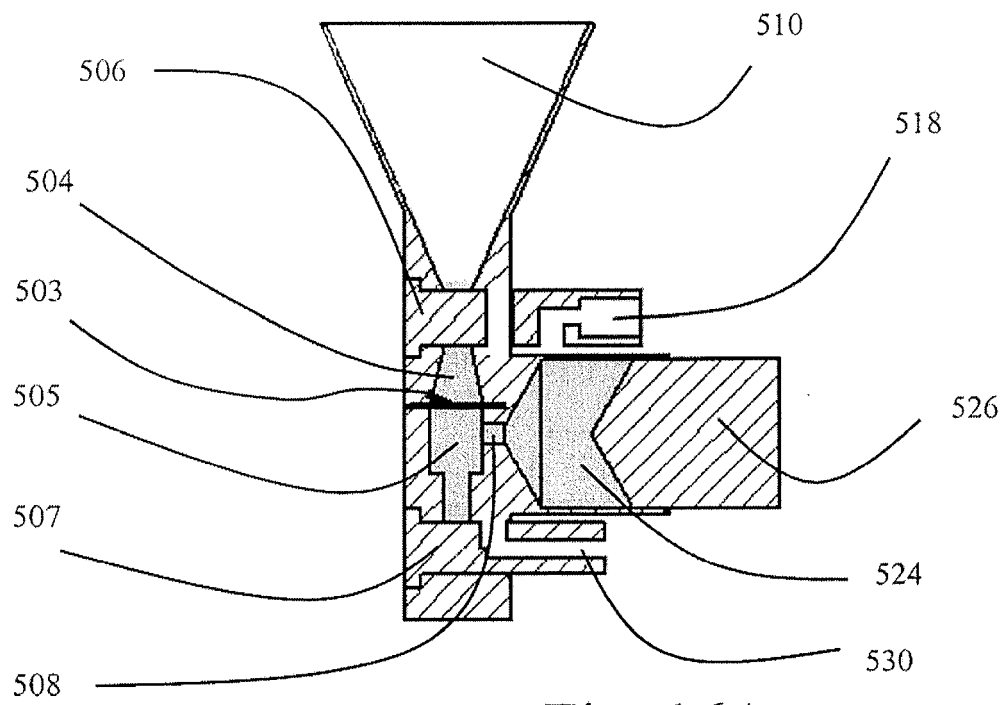


Fig. 16A

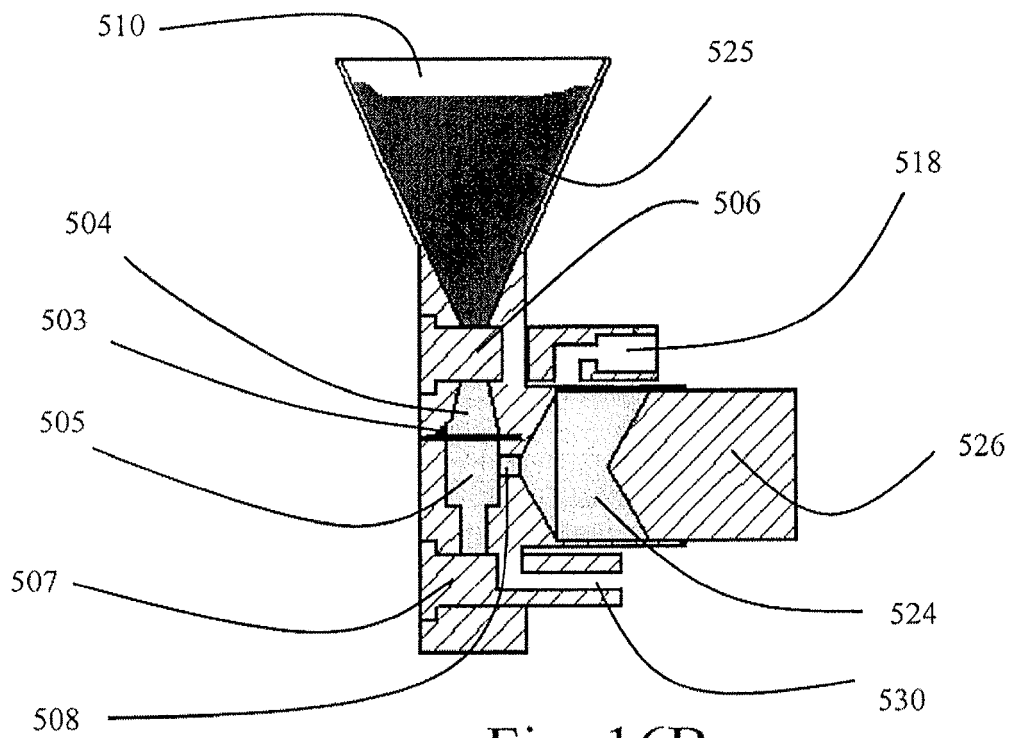
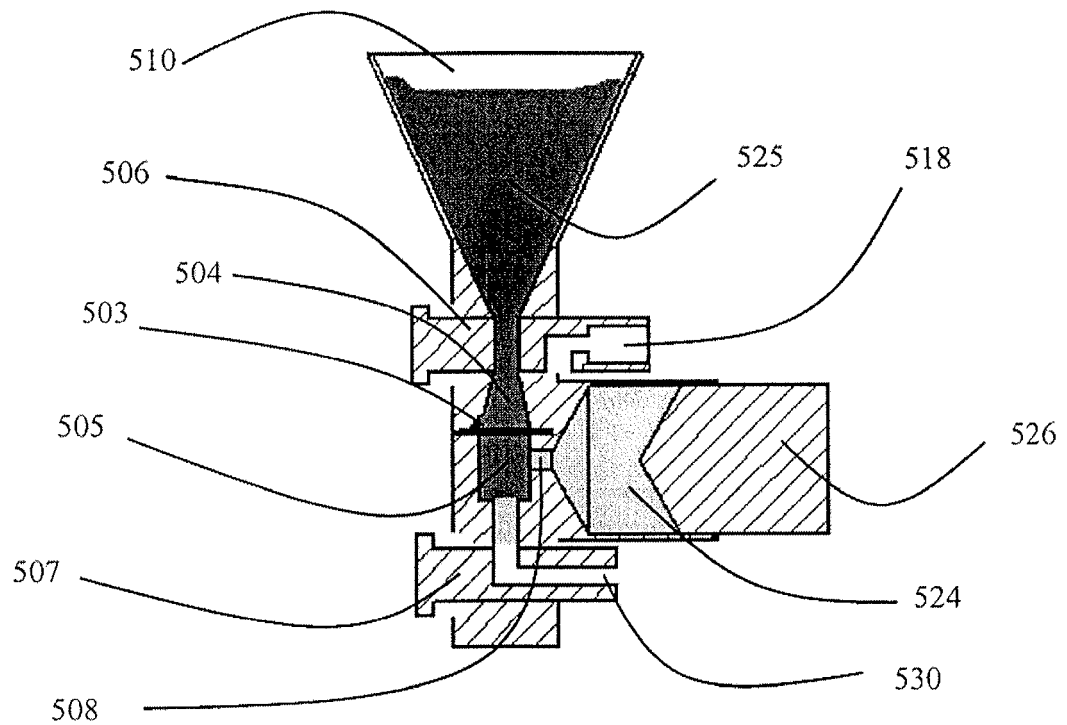
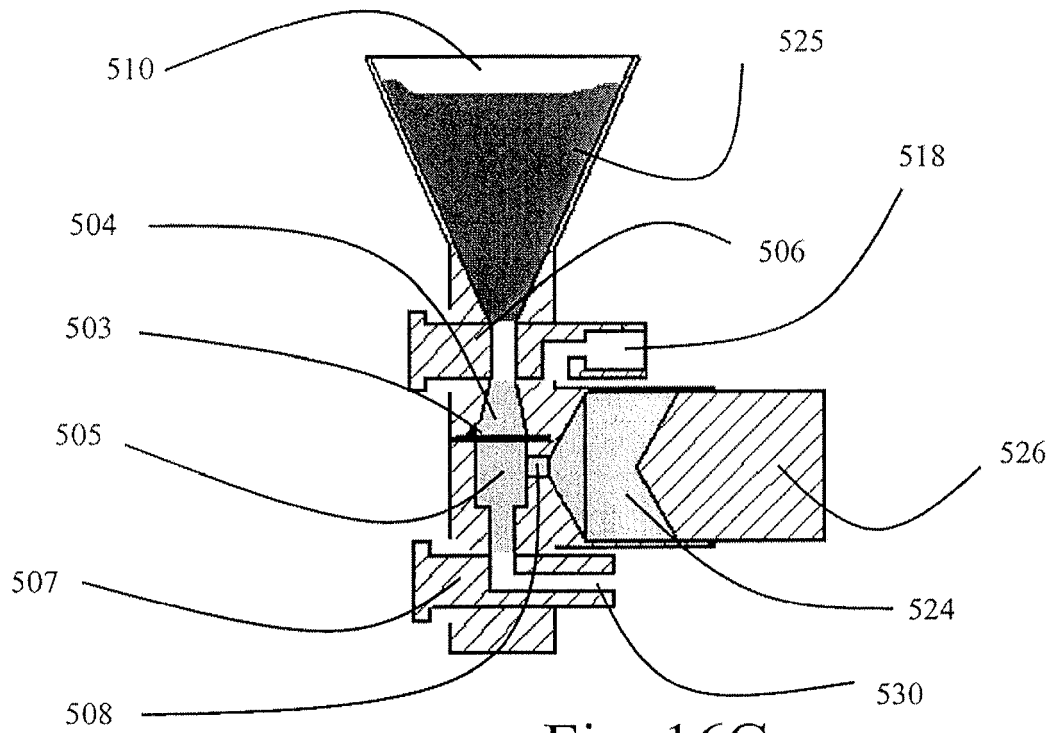


Fig. 16B



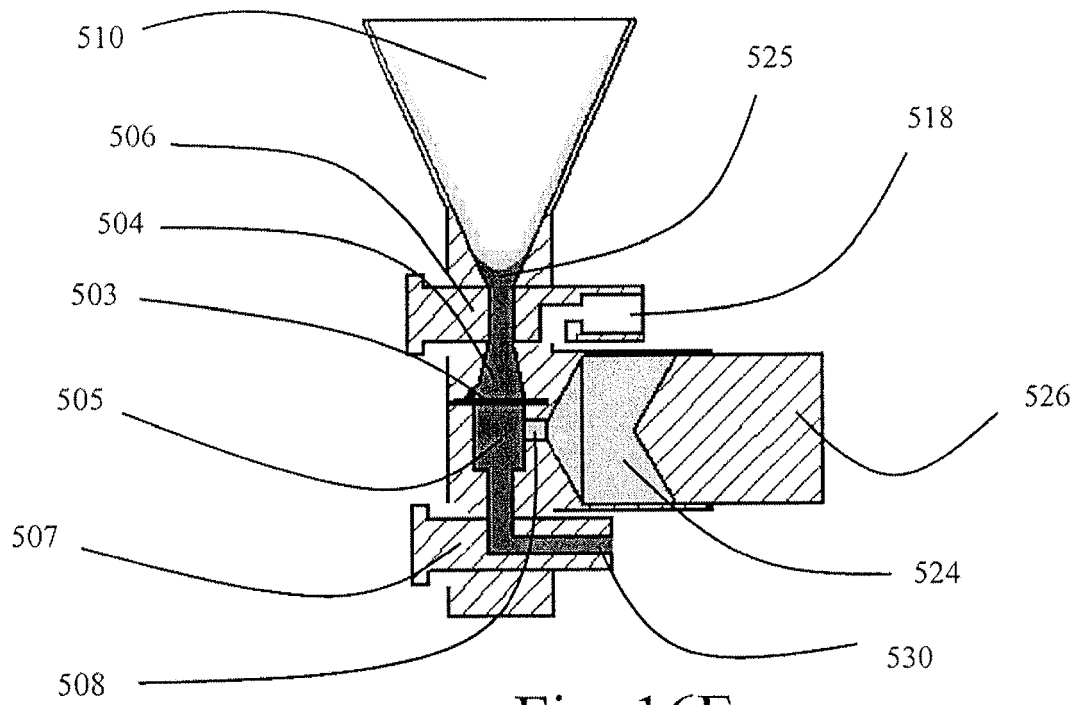


Fig. 16E

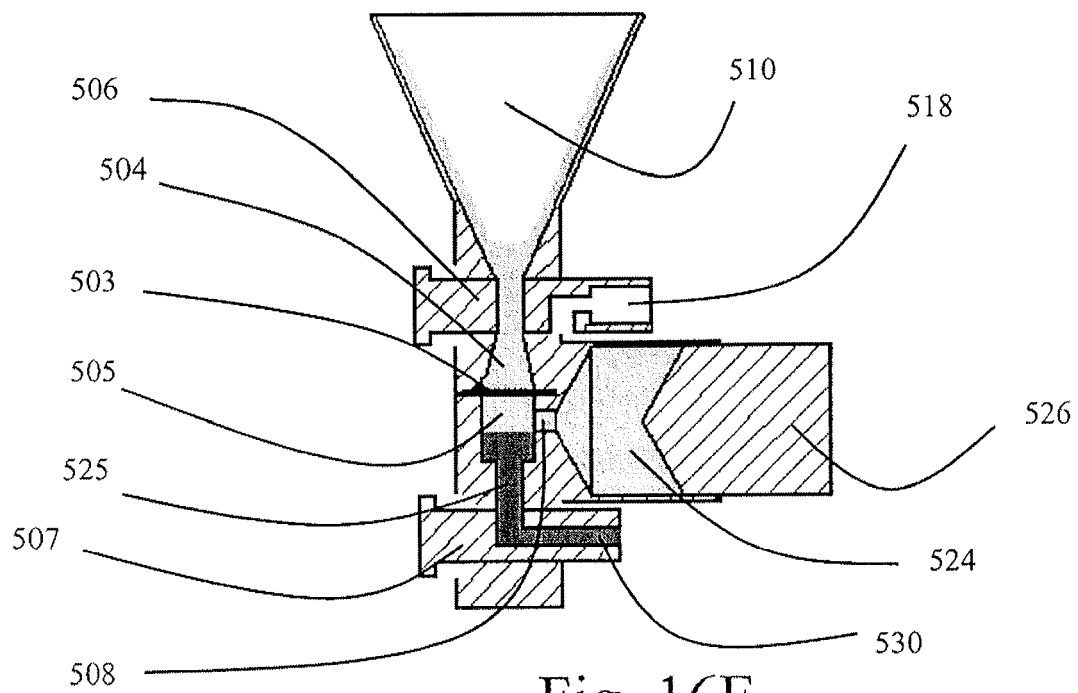


Fig. 16F

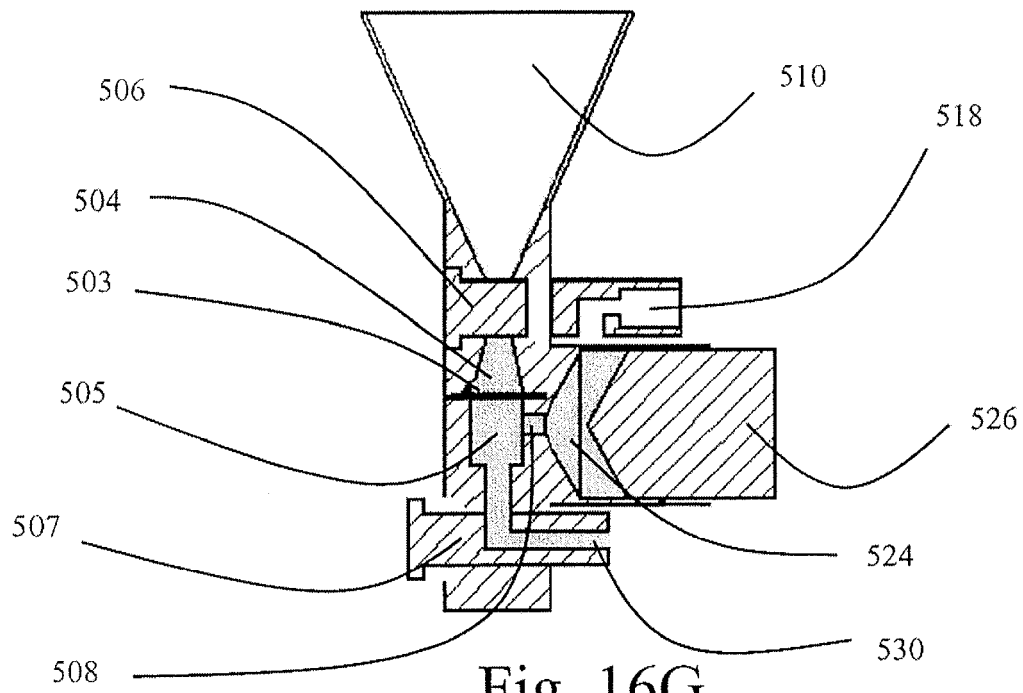


Fig. 16G

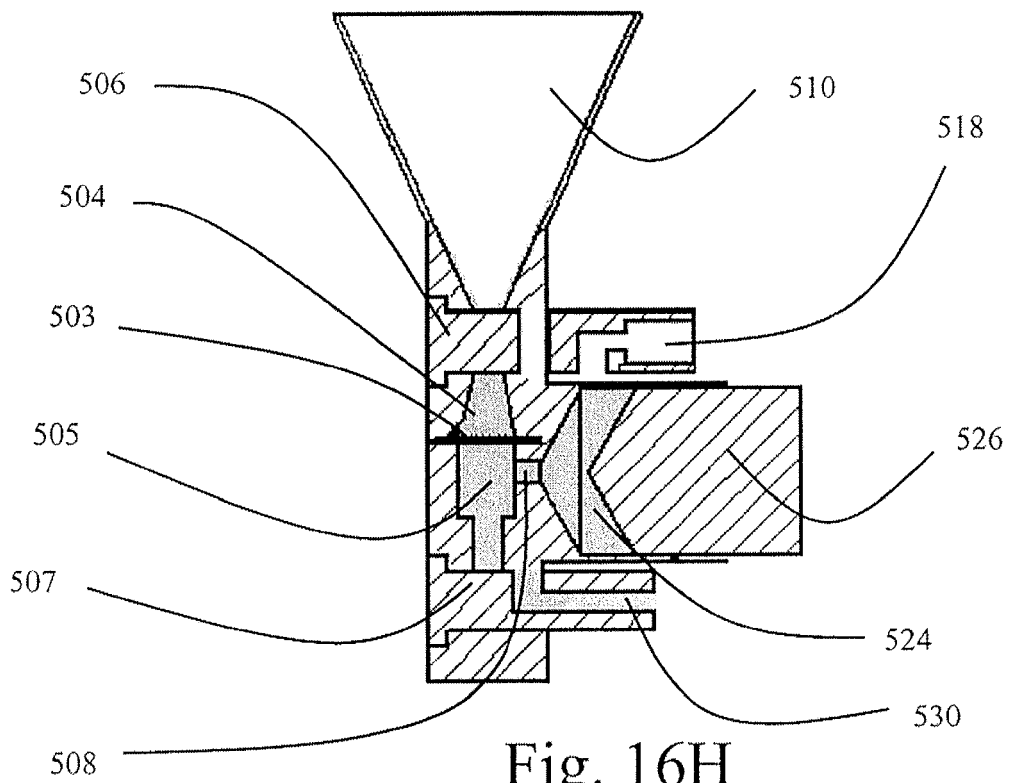


Fig. 16H

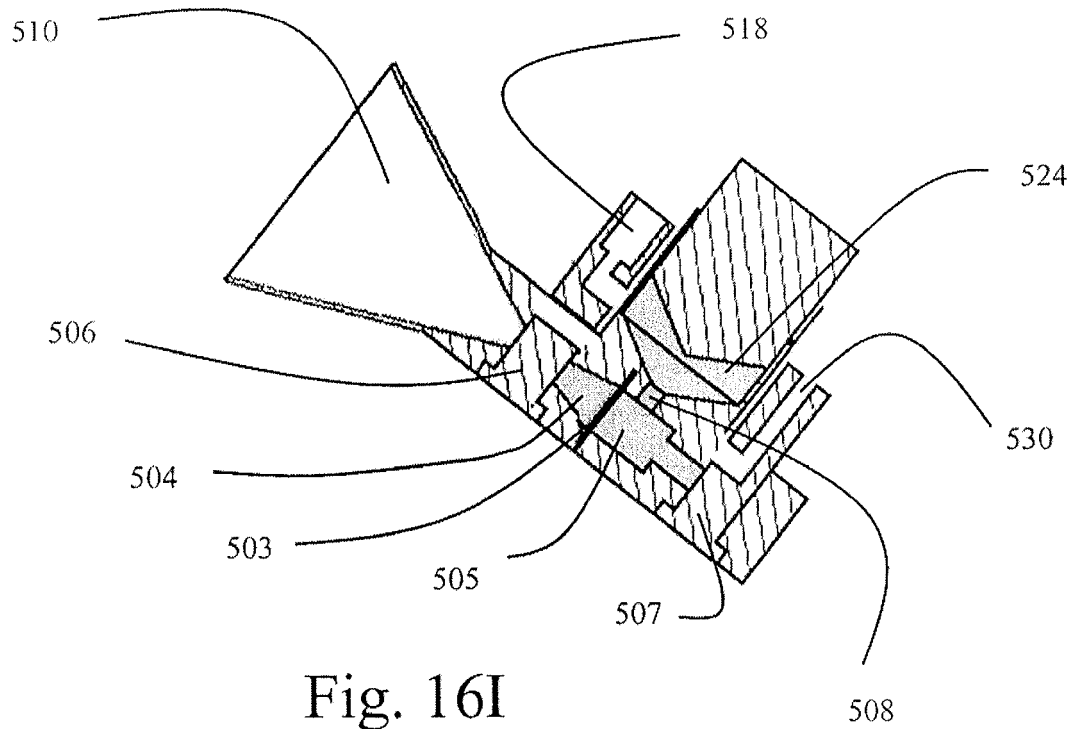


Fig. 16I

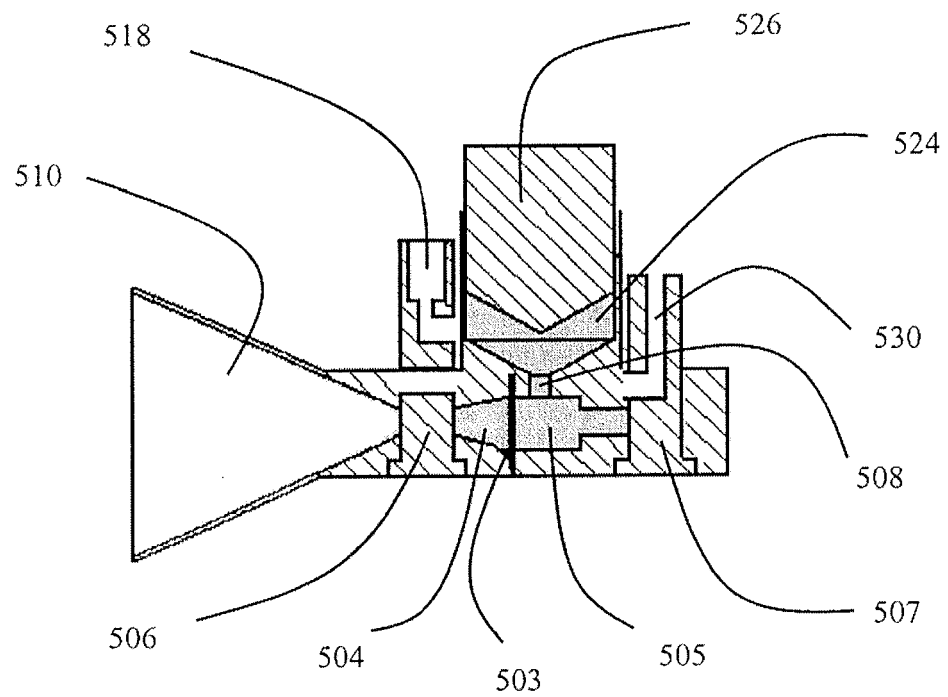


Fig 16J

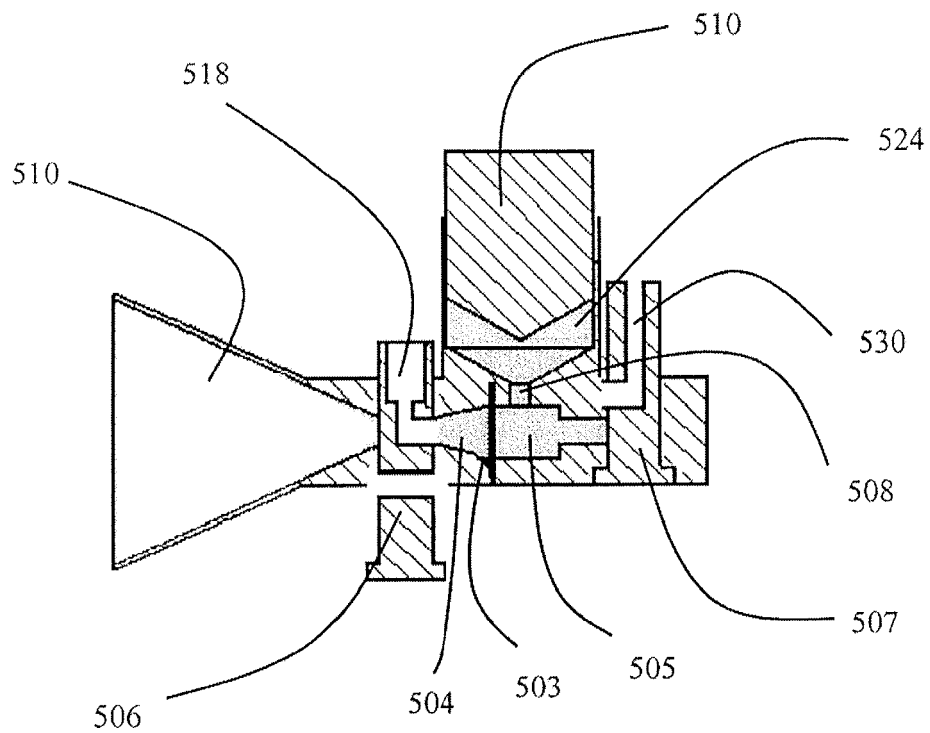


Fig. 16K

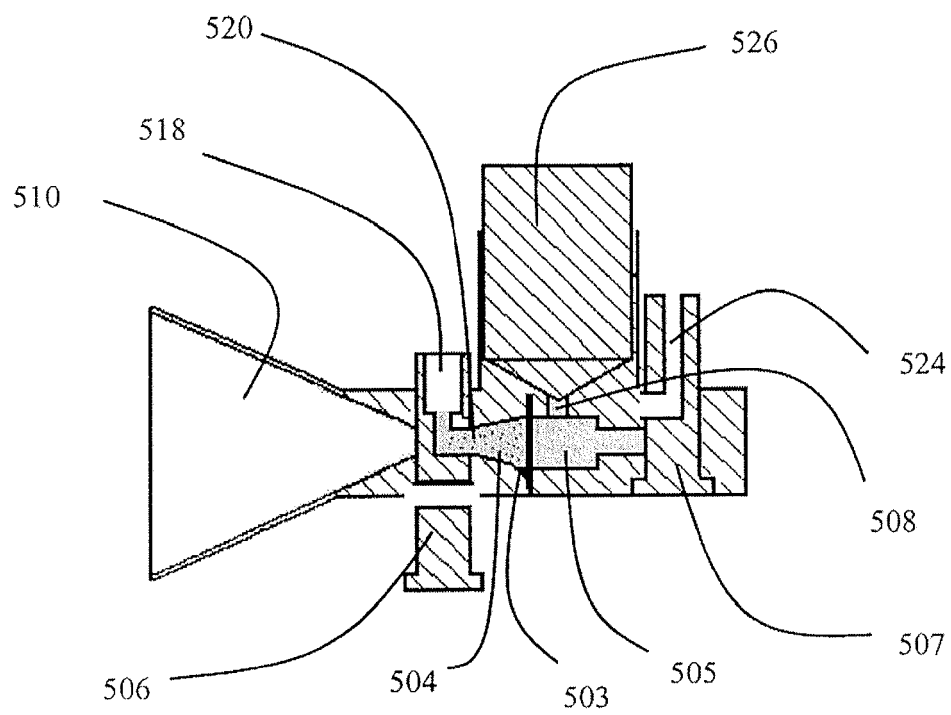


Fig. 16L

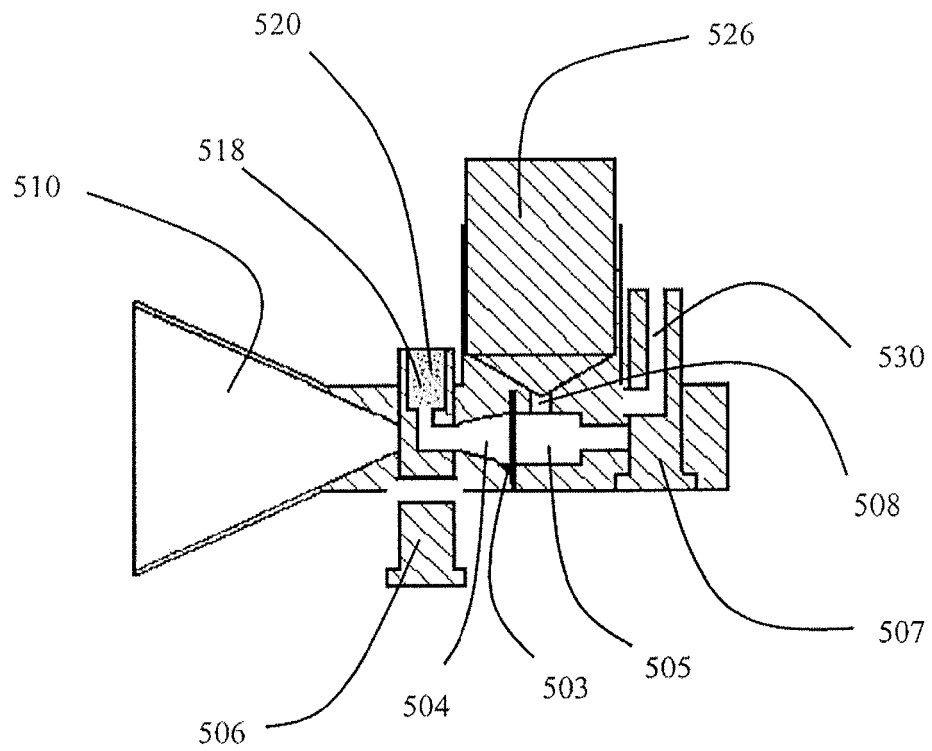


Fig. 16M

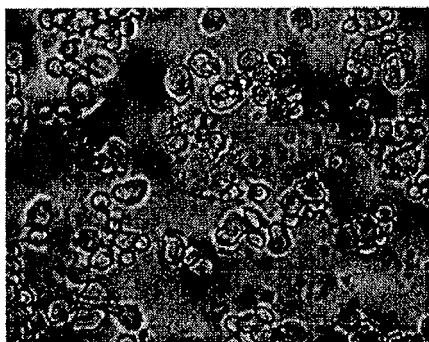


Fig. 17A

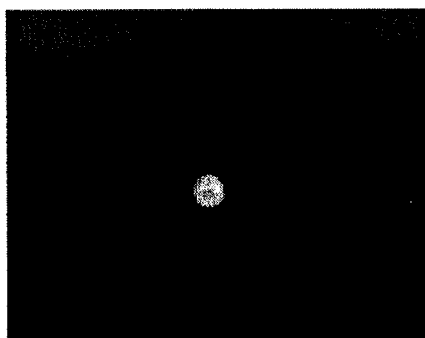


Fig. 17B

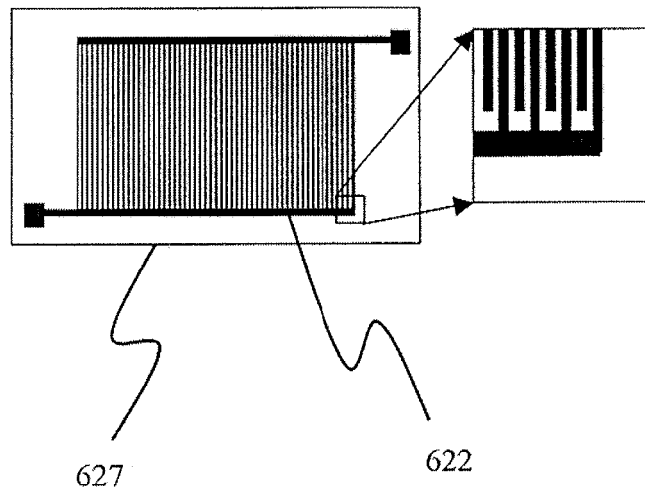


Fig. 18A

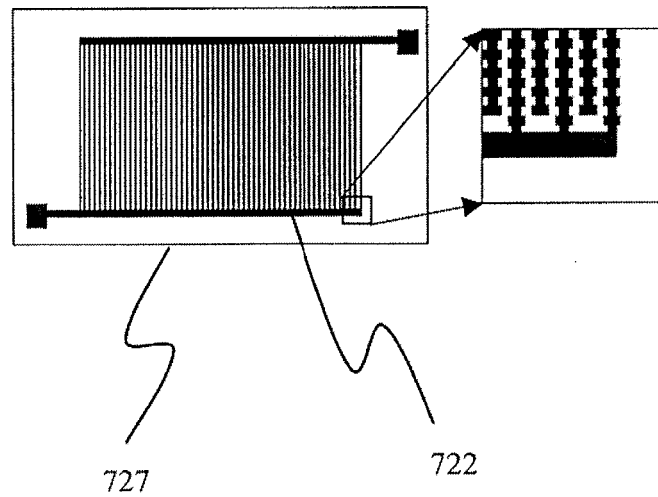


Fig. 18B

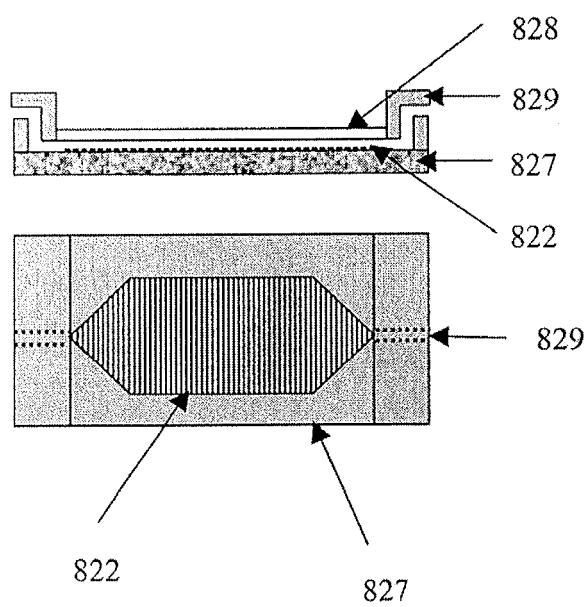


Fig. 19A

Fig. 19B

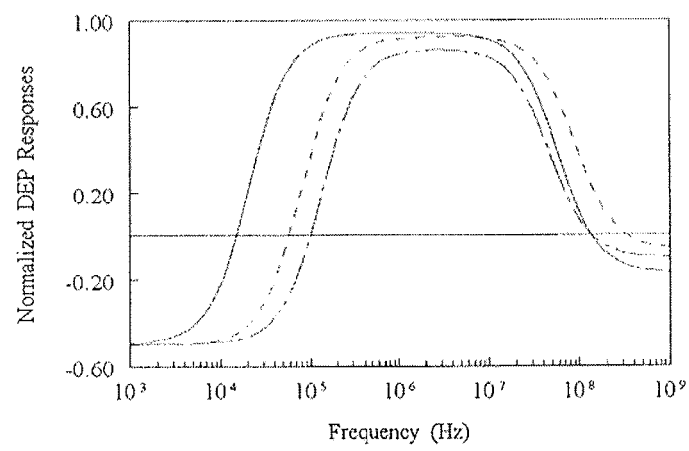


Fig. 20

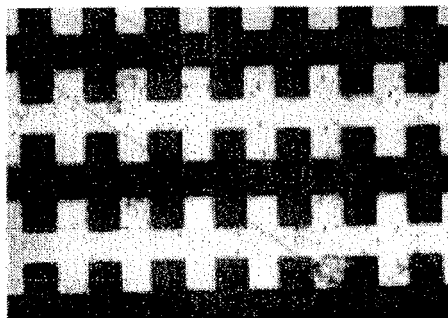


Fig. 21A

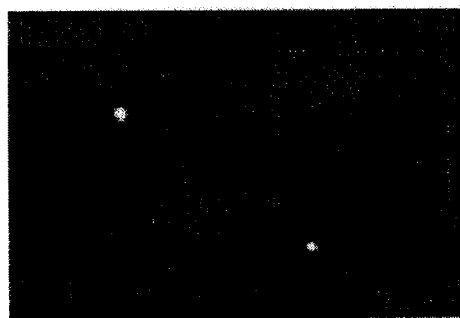


Fig. 21B

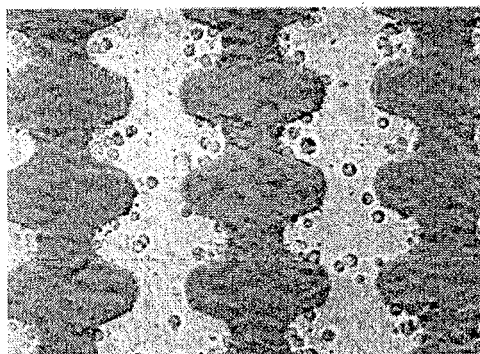


Fig. 22

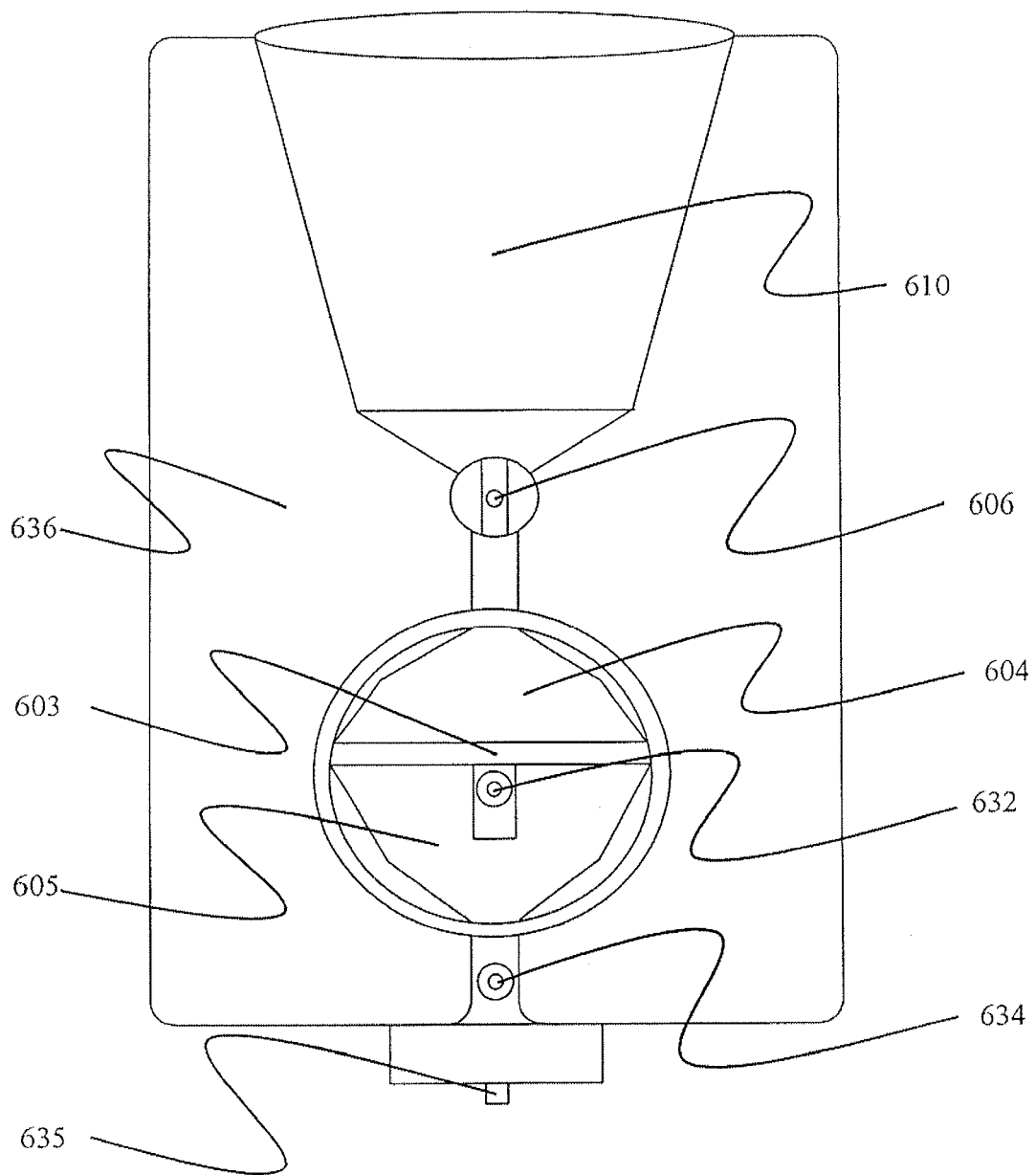


FIG. 23

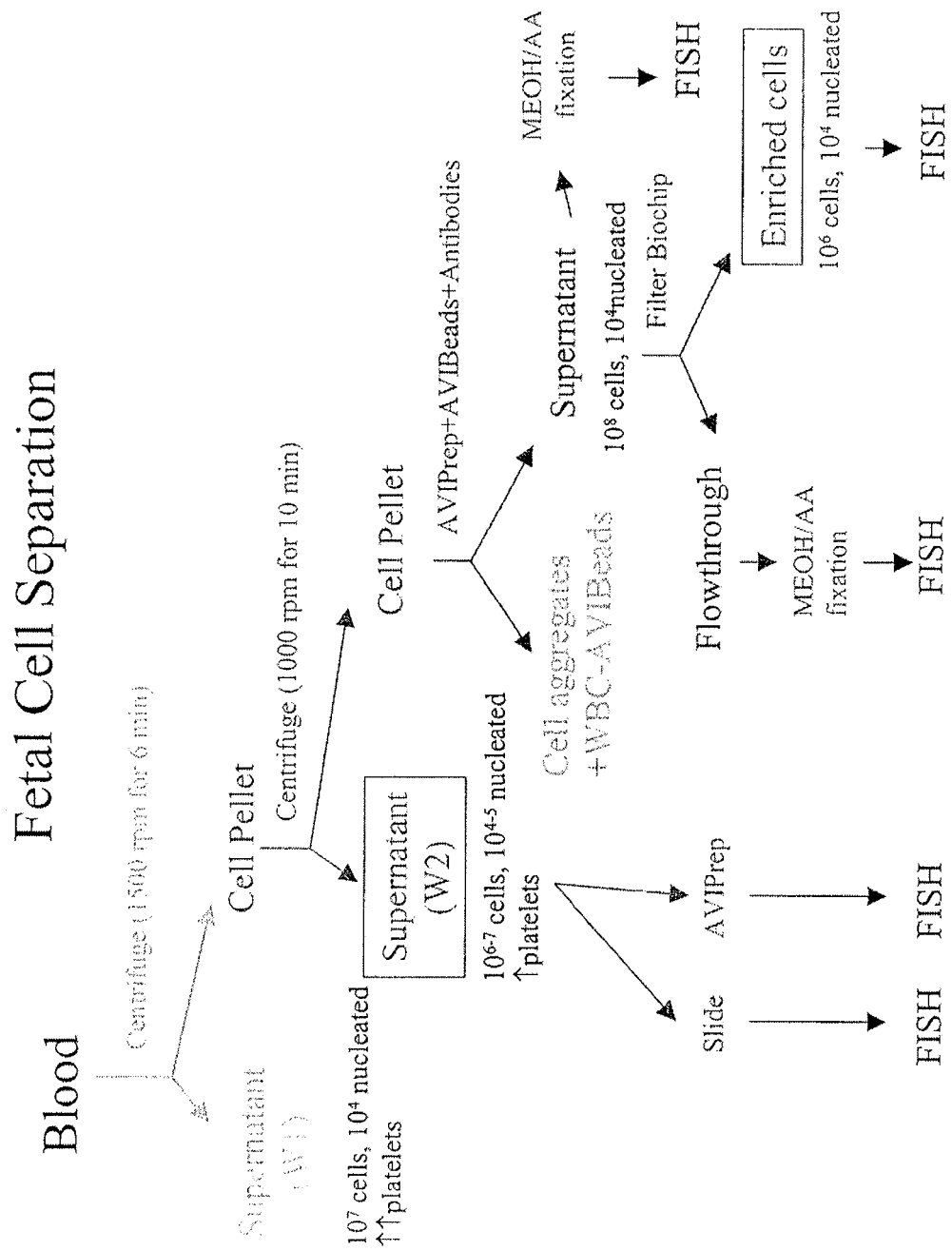


FIG. 24

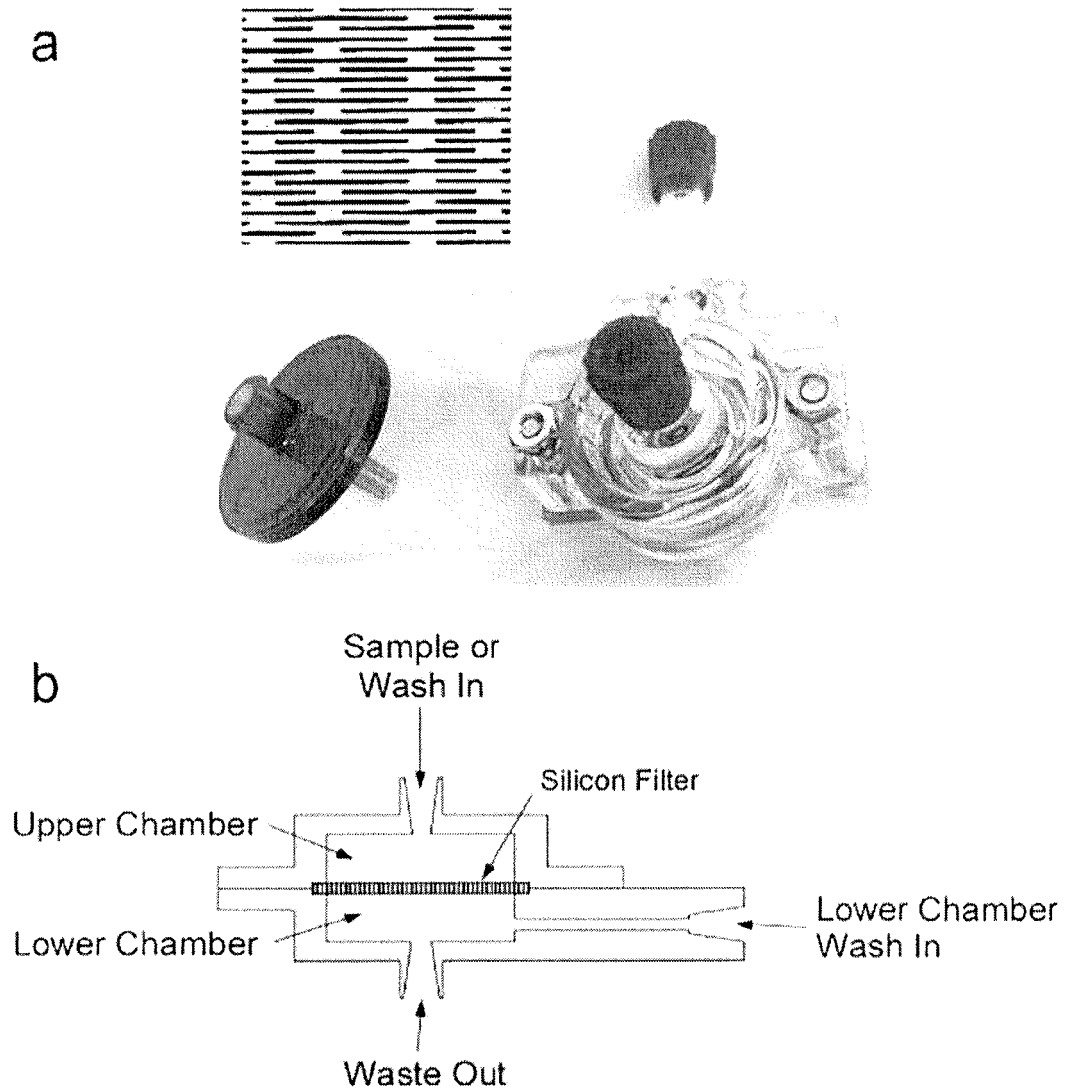


Figure 25

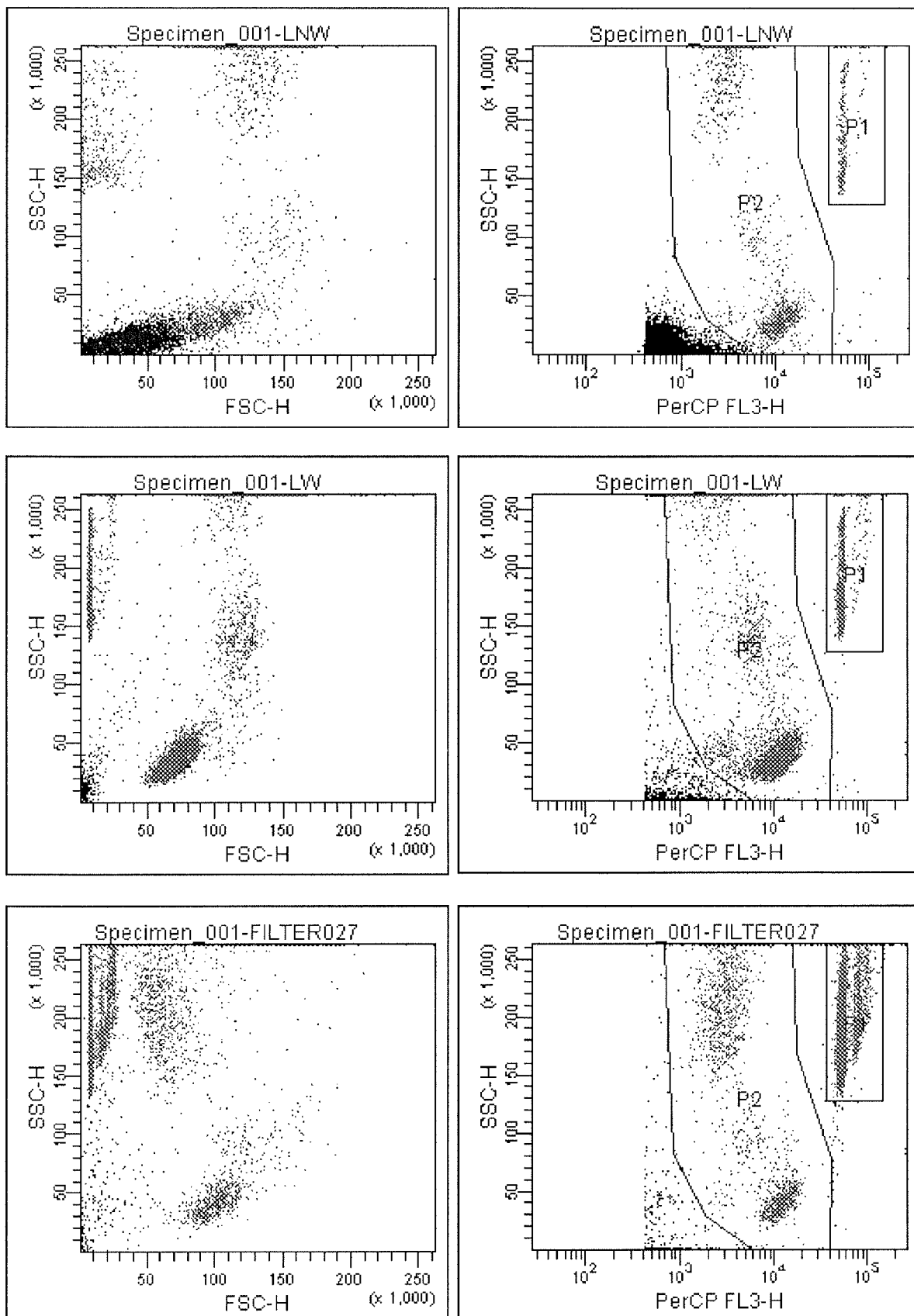


Figure 26

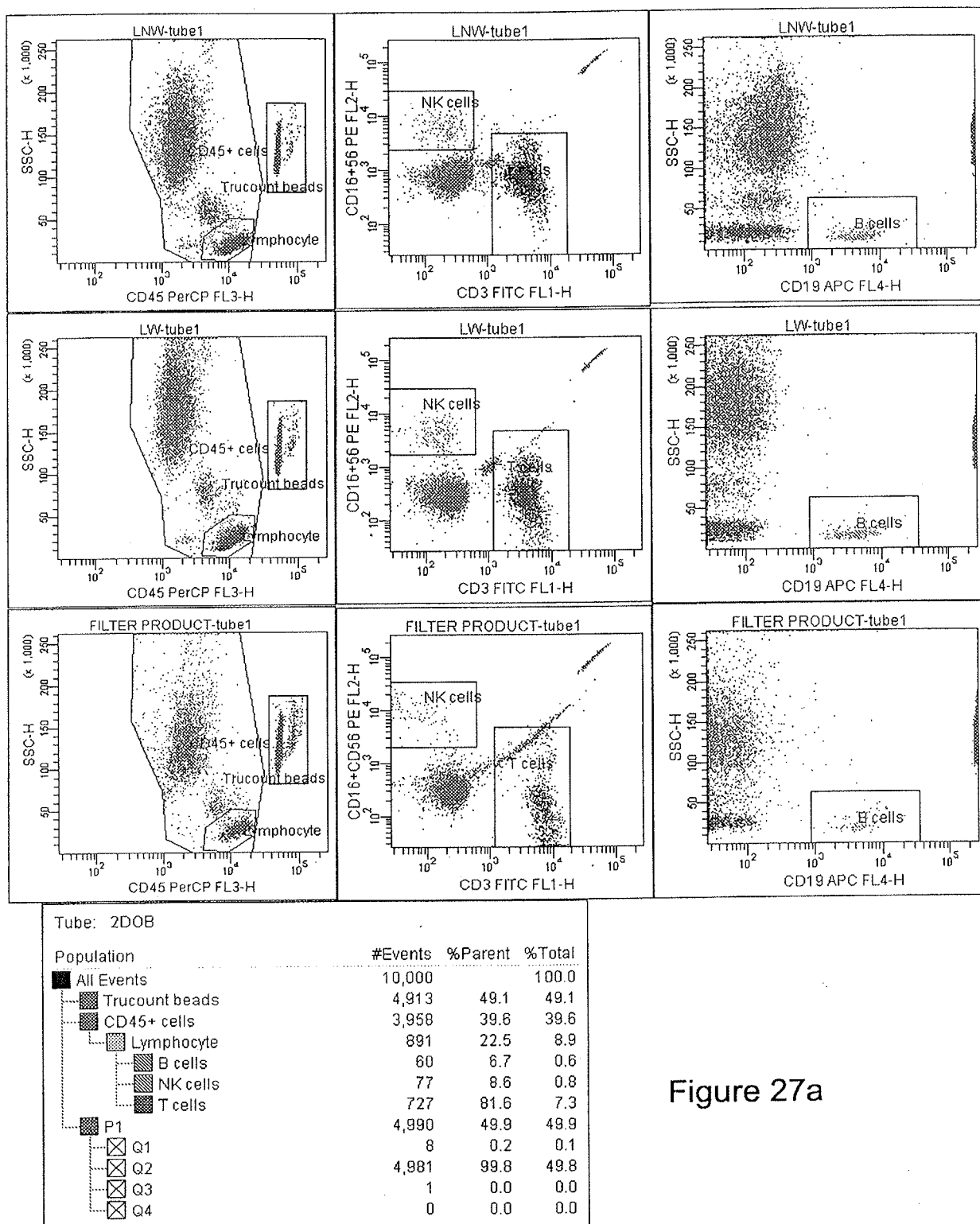


Figure 27a

recovery of leukocyte and subpopulations with different isolation method

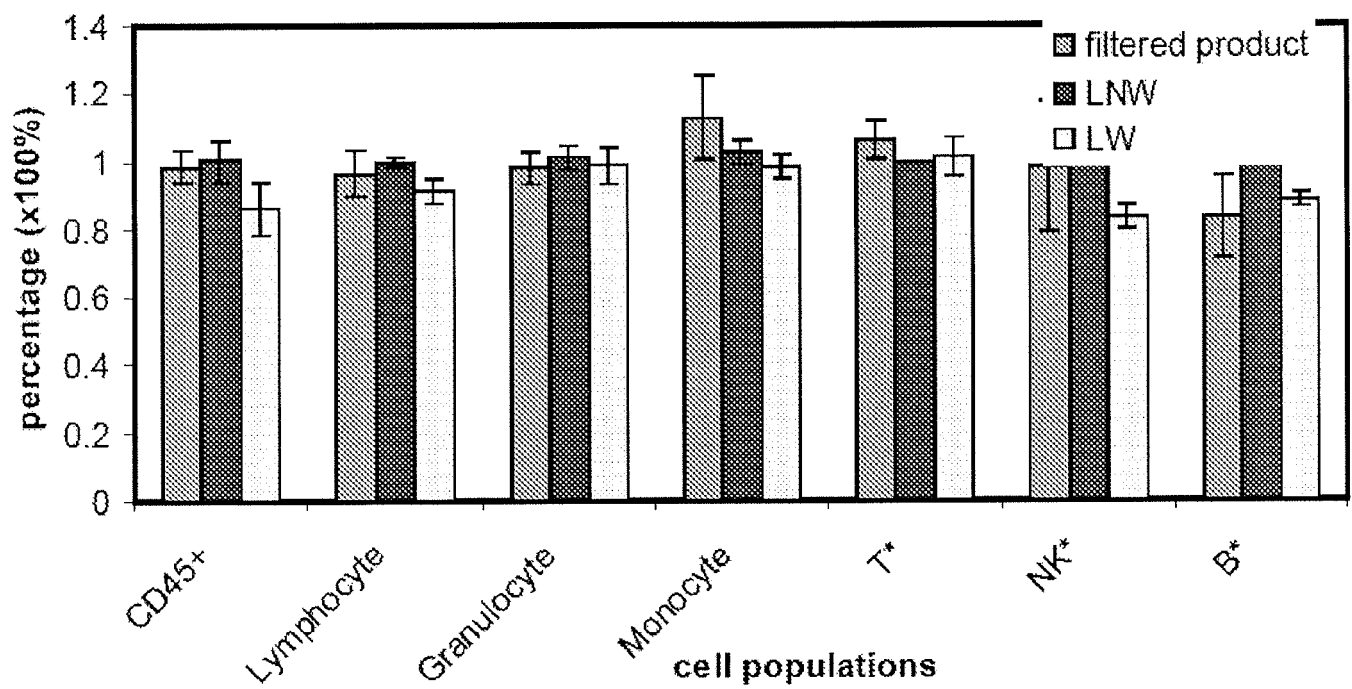
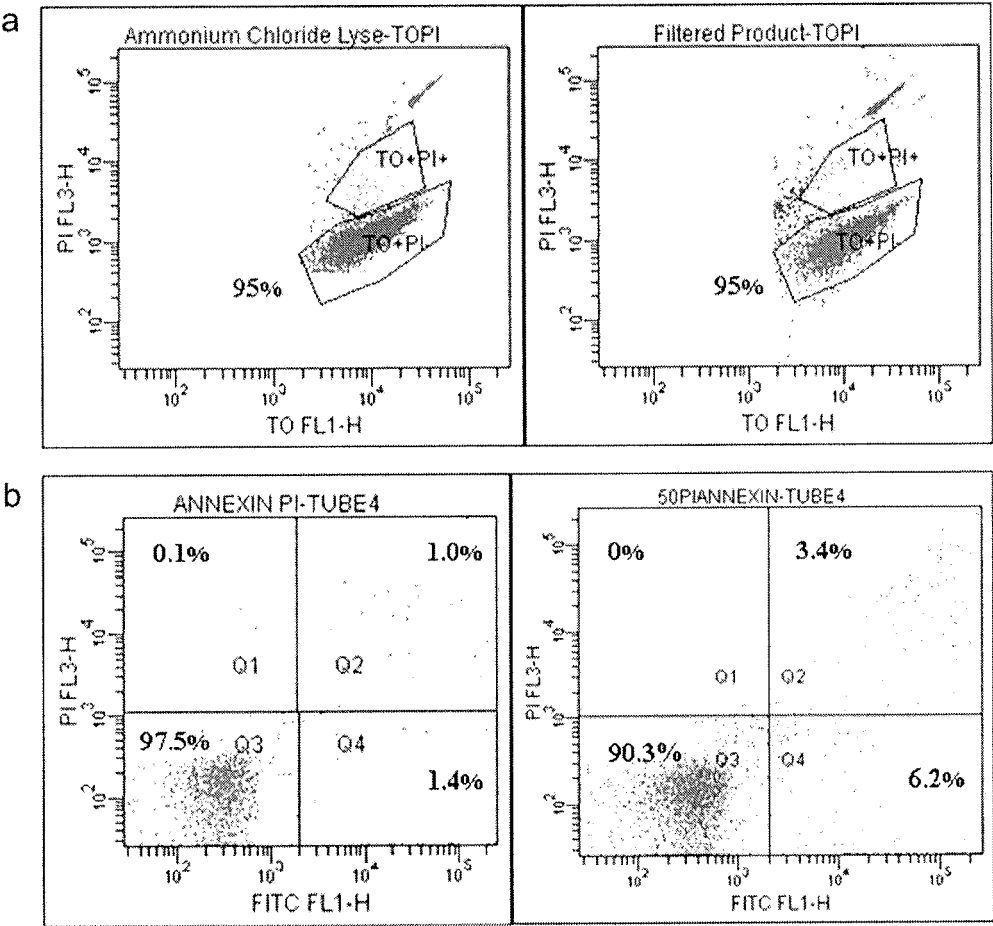


Figure 27b

Fig. 28



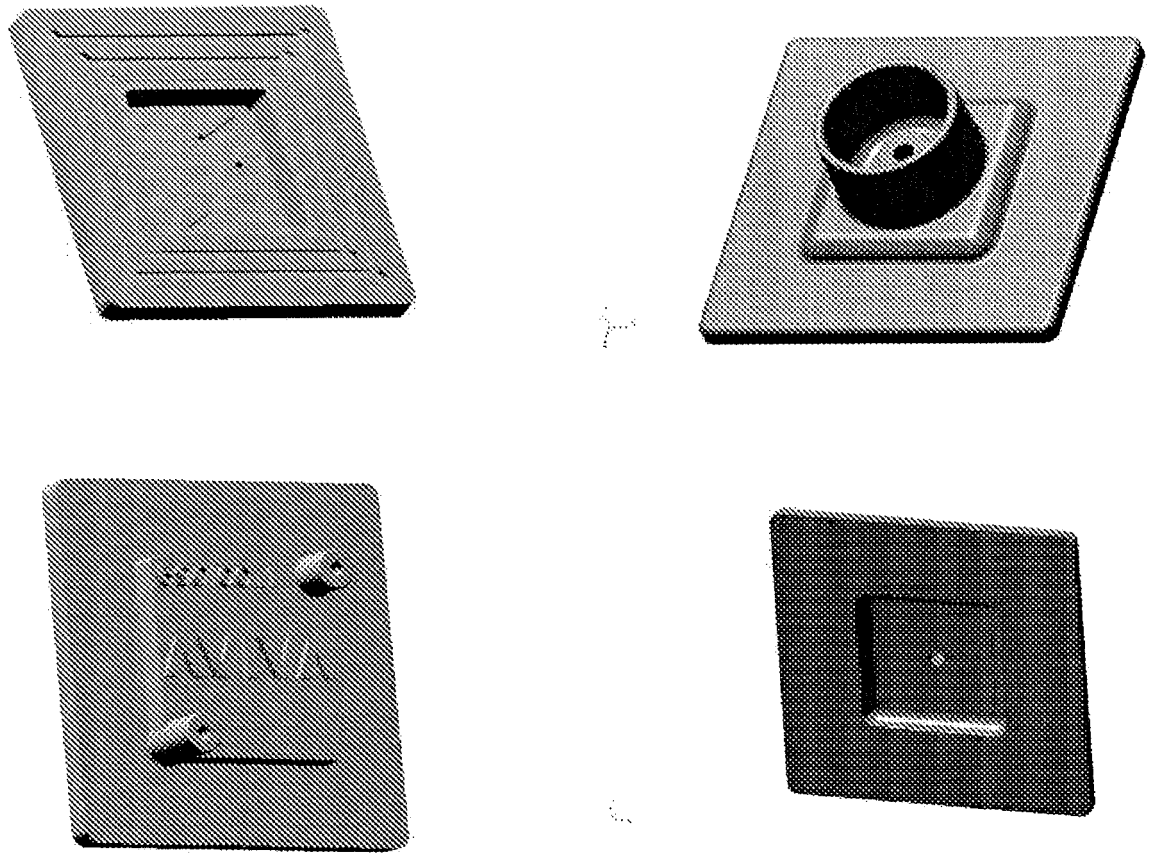


Figure 29

## Cell viability after ammonium chloride lysing

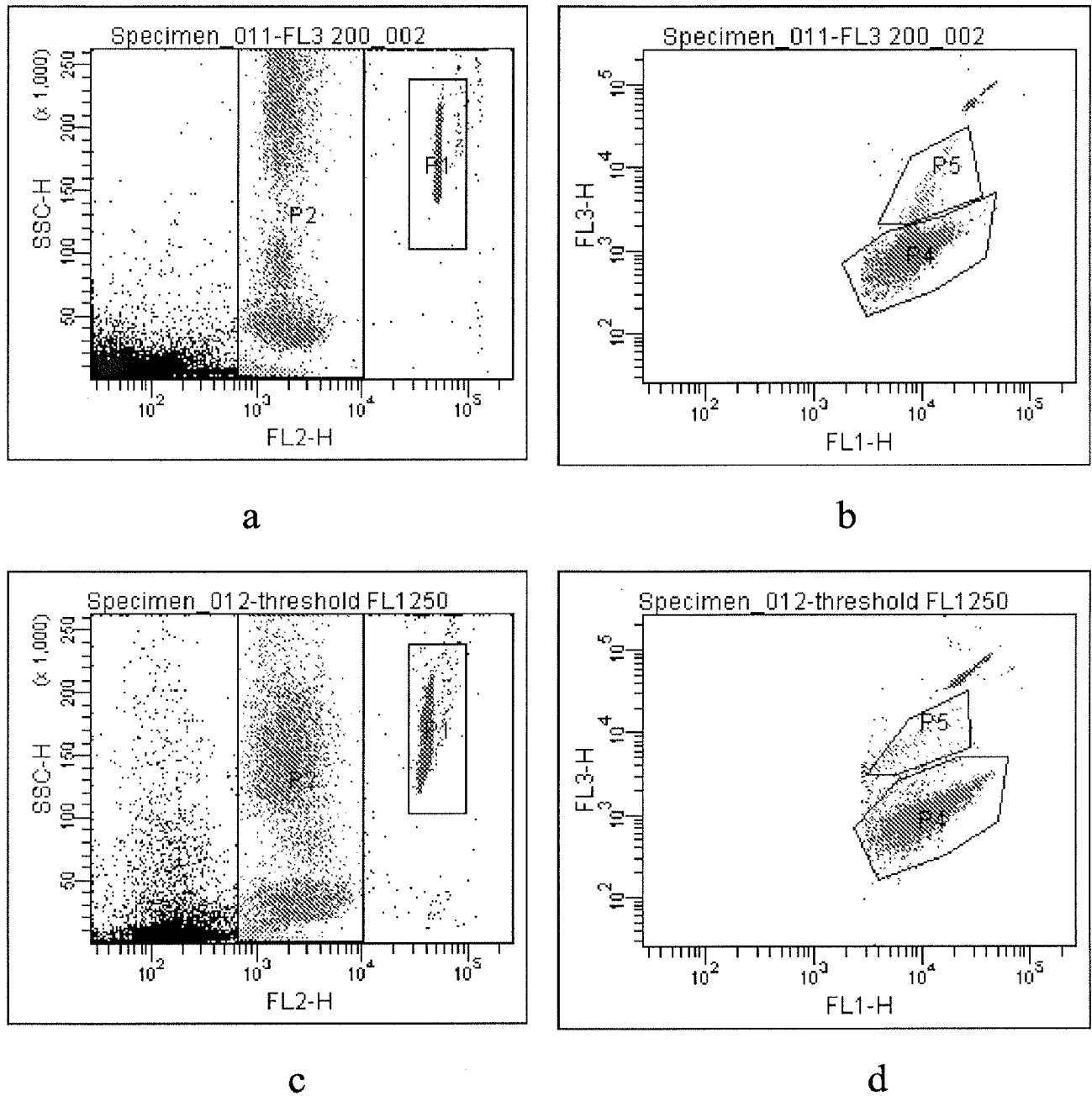


Figure 30

## Cell viability after filtration

Tube: FL3 200\_002

| Population   | #Events | %Parent | %Total |
|--------------|---------|---------|--------|
| ■ All Events | 318,382 |         | 100.0  |
| ■ P1         | 1,157   | 0.4     | 0.4    |
| ■ P2         | 5,180   | 1.6     | 1.6    |
| ■ P3         | 4,752   | 91.7    | 1.5    |
| ■ P4         | 4,493   | 94.5    | 1.4    |
| ■ P5         | 230     | 4.8     | 0.1    |

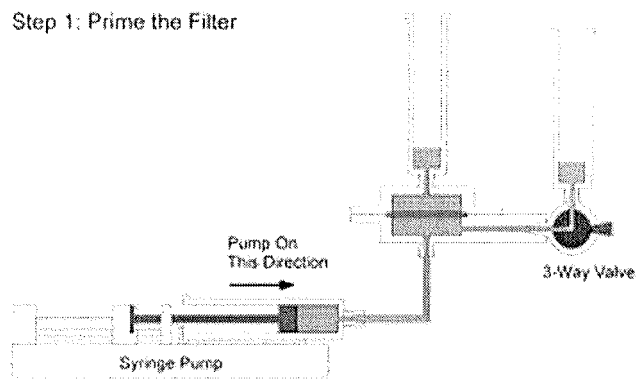
Tube: threshold FL1250

| Population   | #Events | %Parent | %Total |
|--------------|---------|---------|--------|
| ■ All Events | 12,898  |         | 100.0  |
| ■ P1         | 2,028   | 15.7    | 15.7   |
| ■ P2         | 5,133   | 39.8    | 39.8   |
| ■ P3         | 4,714   | 91.8    | 36.5   |
| ■ P4         | 4,447   | 94.3    | 34.5   |
| ■ P5         | 151     | 3.2     | 1.2    |

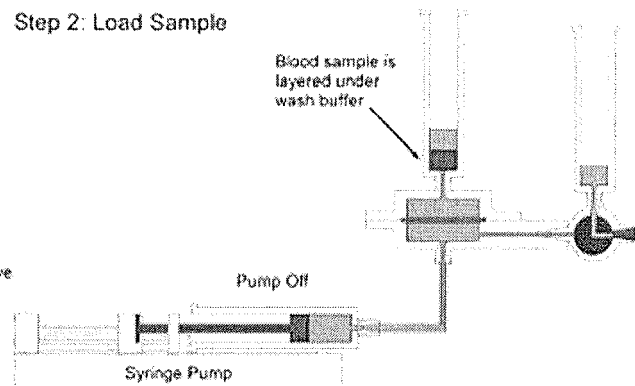
Figure 31

## AVIVA filter work process

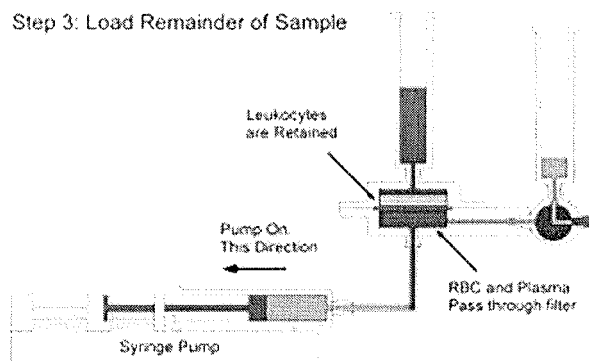
Step 1: Prime the Filter



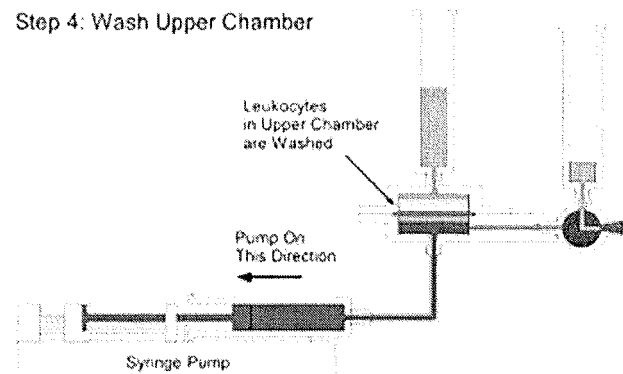
Step 2: Load Sample



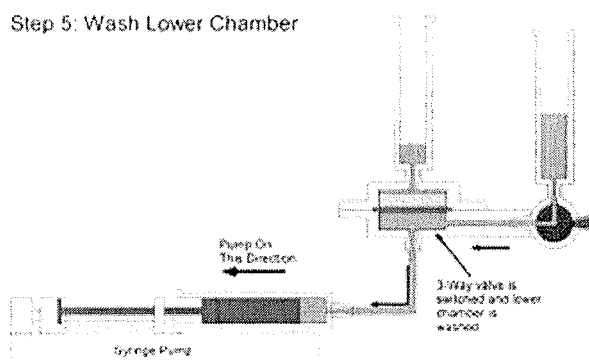
Step 3: Load Remainder of Sample



Step 4: Wash Upper Chamber



Step 5: Wash Lower Chamber



Step 6: Elute Leukocytes

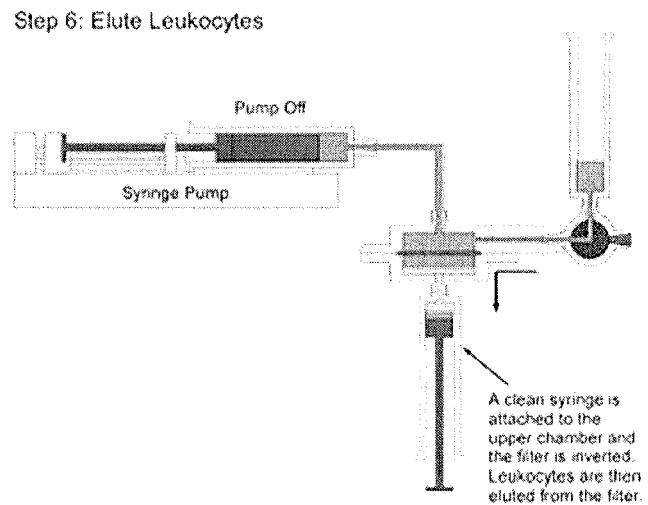


Figure 32

FIGURE 33

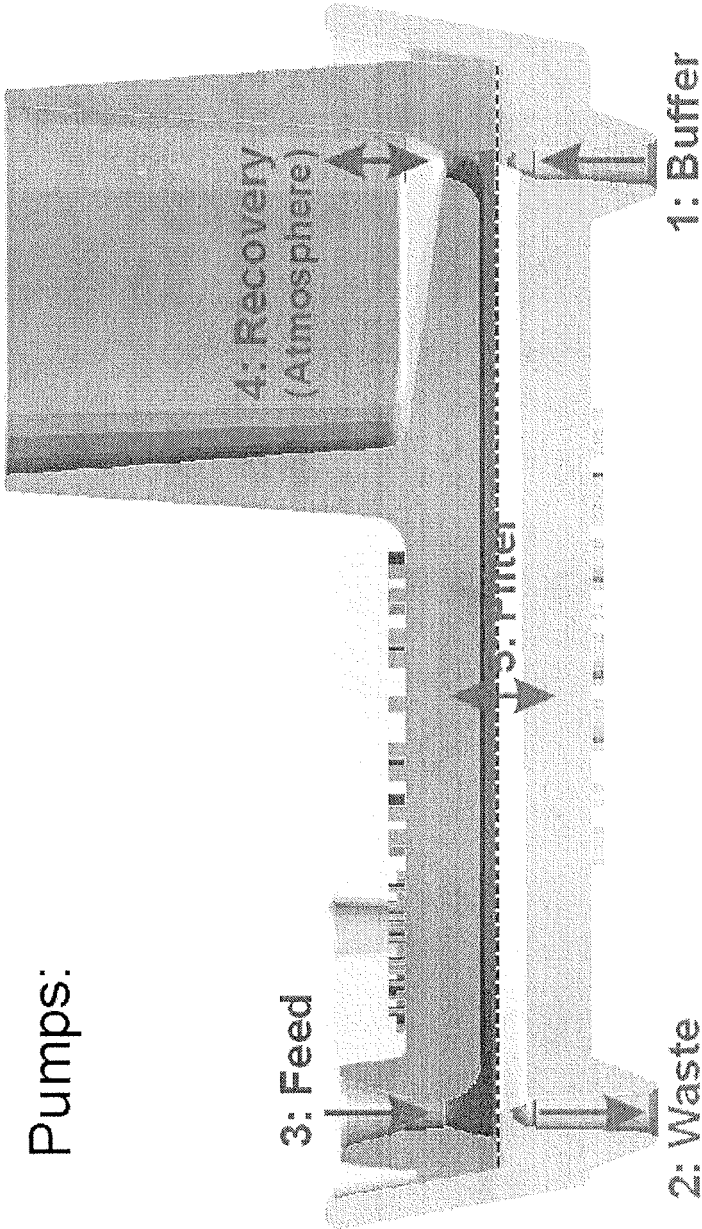


FIGURE 34

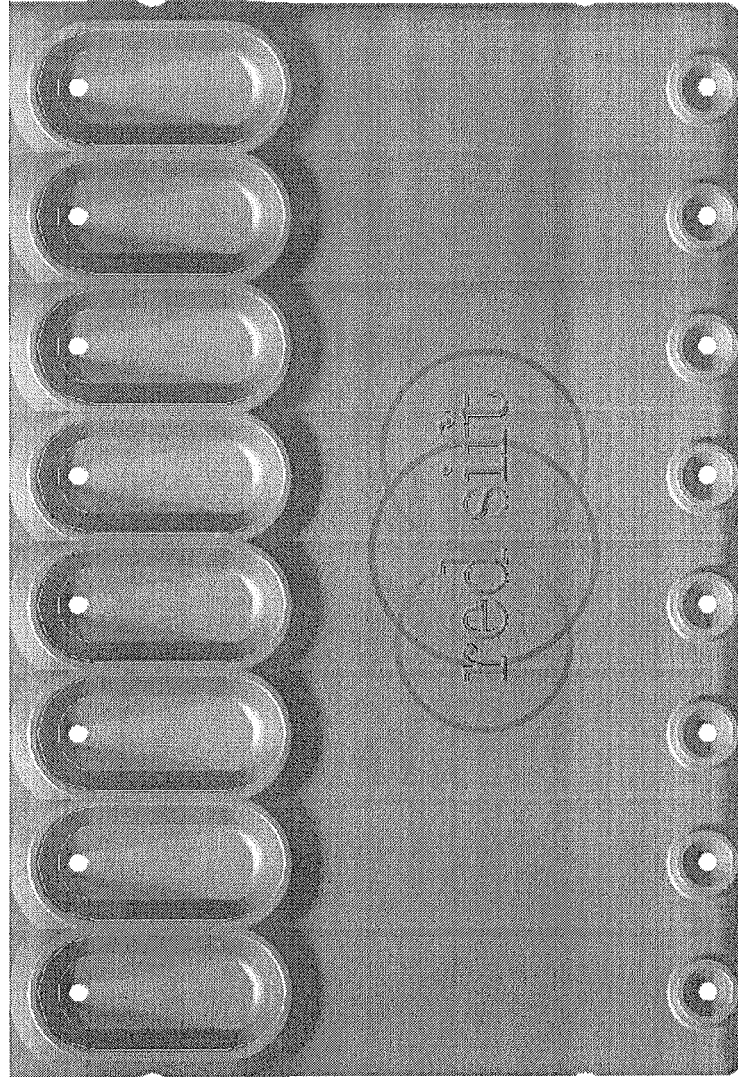
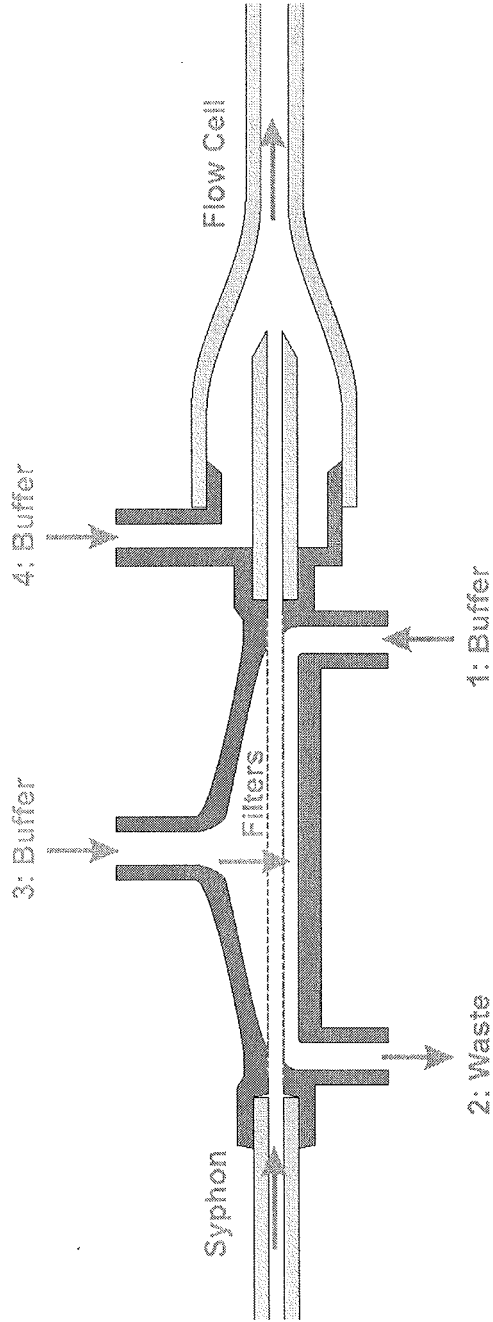


FIGURE 35



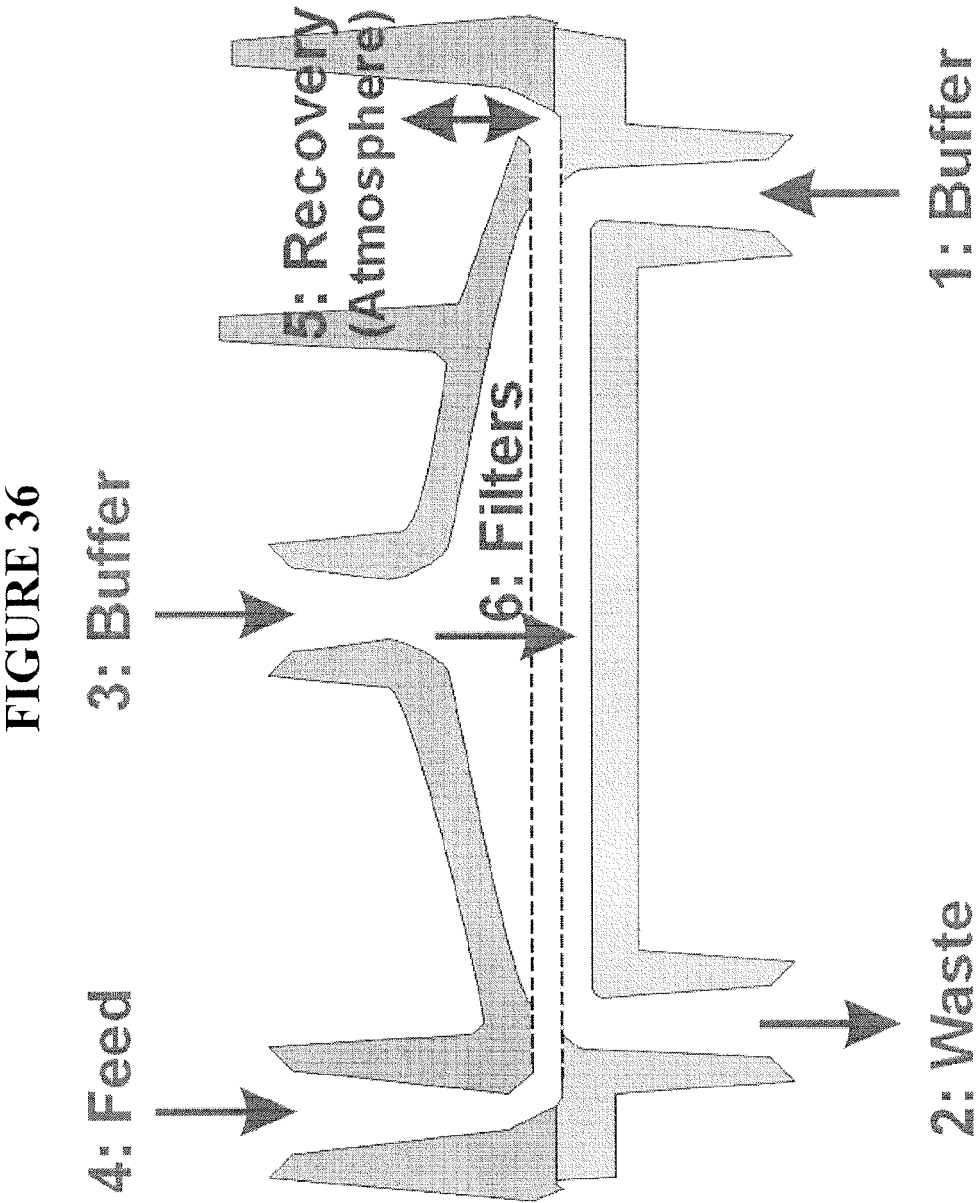


FIGURE 37

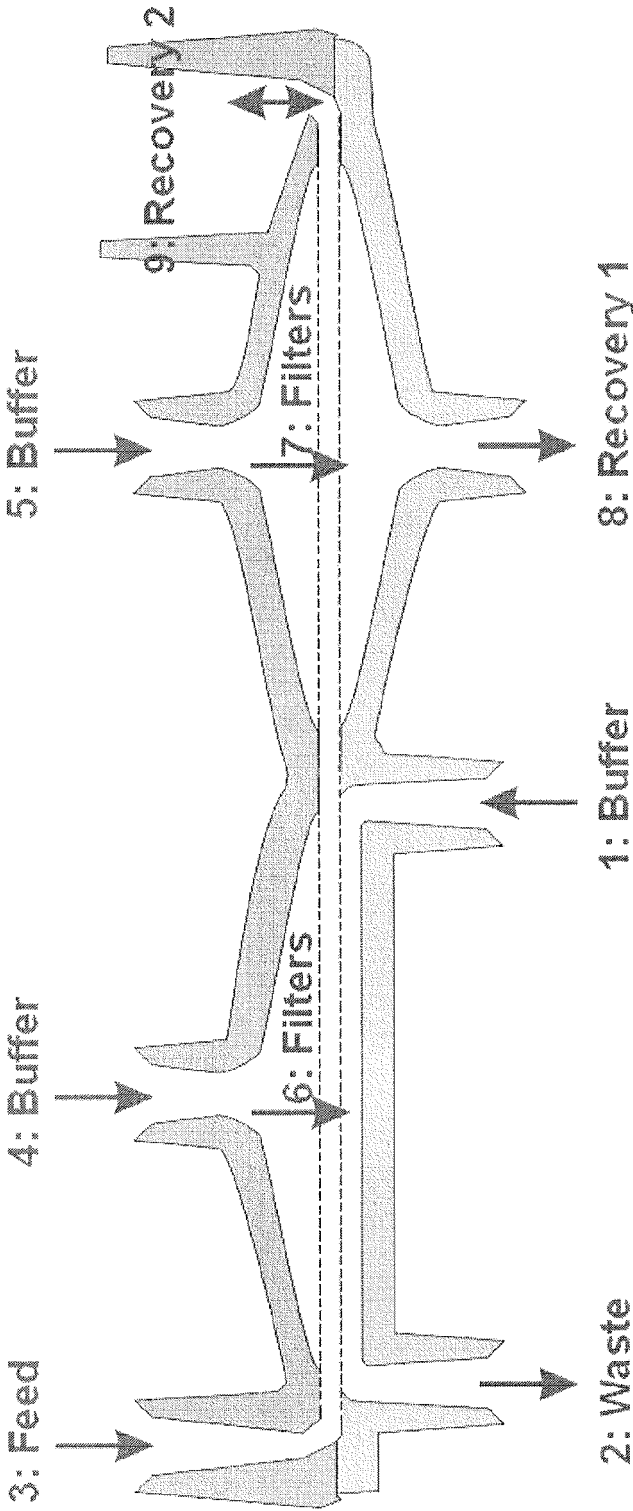


FIGURE 38

