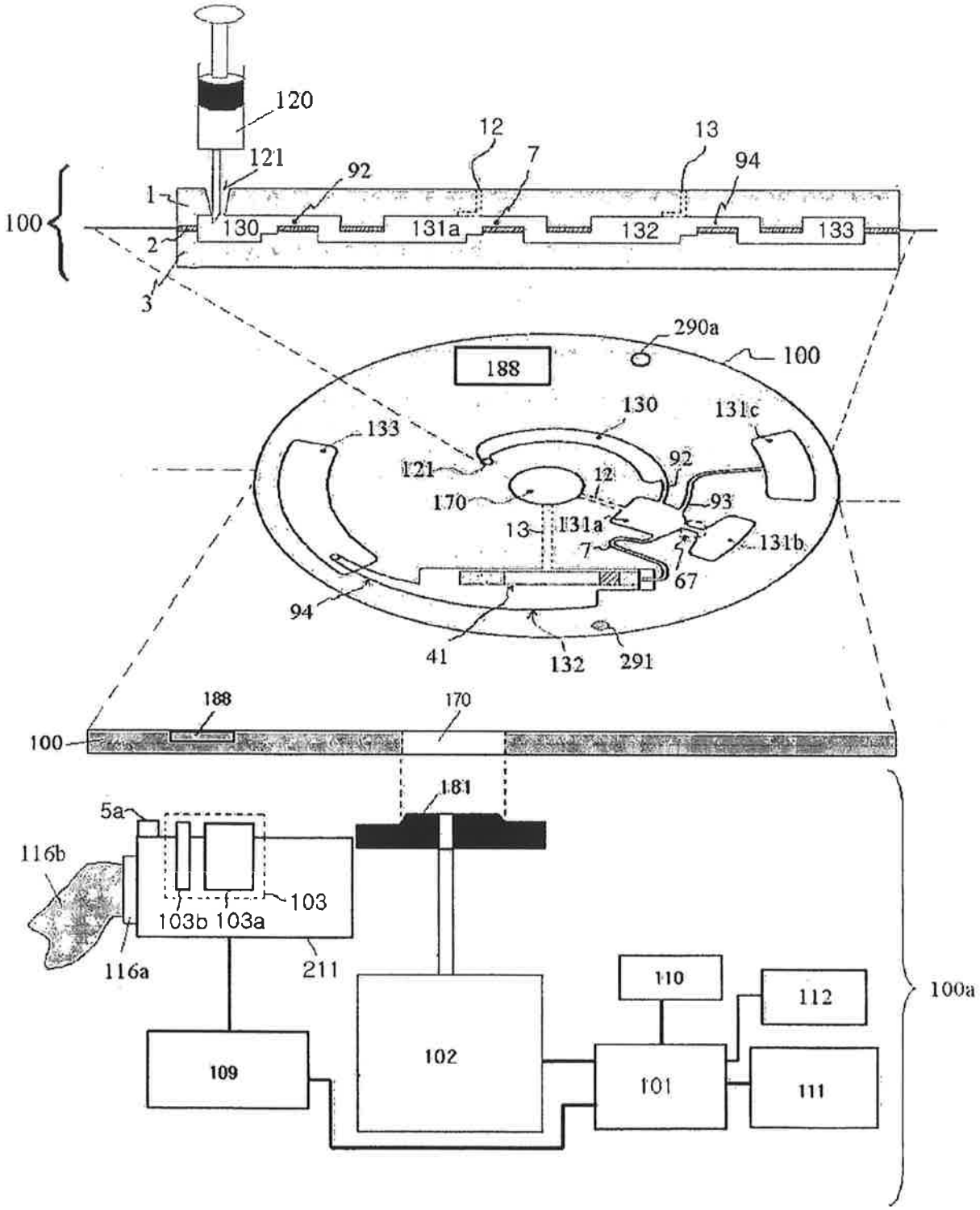
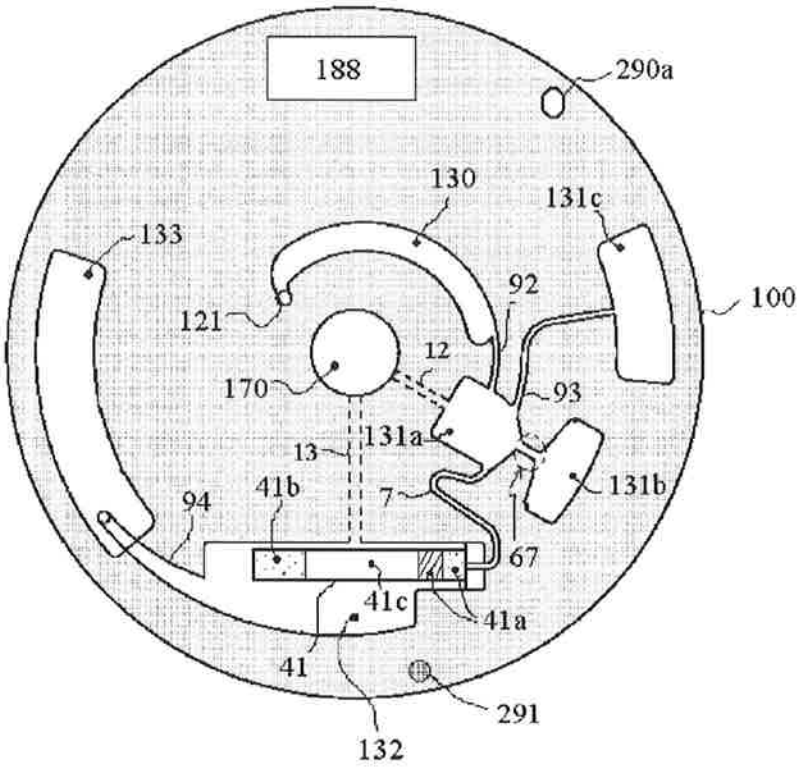
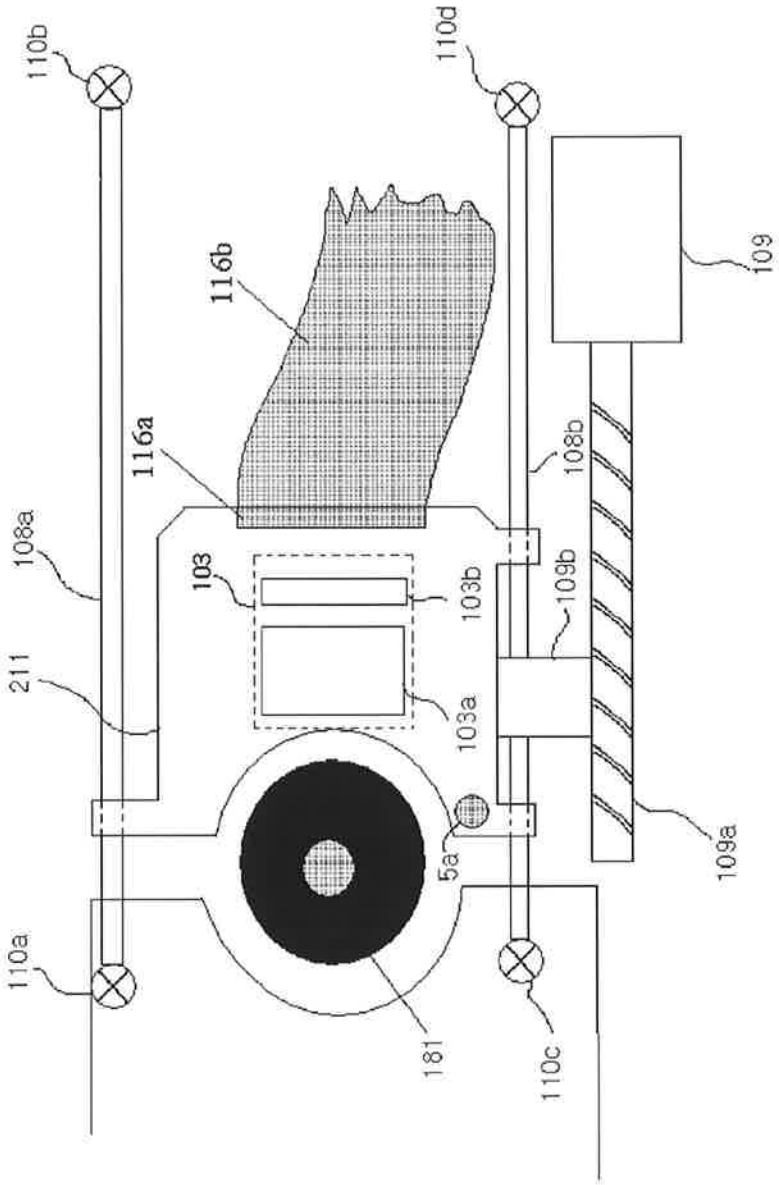
[Fig. 1]


120
121
92
12
7
13
94
1
100
130
131a
132
133
2
3
290a
100
188
130
131c
133
121
92
12
170
93
13
131a
7
131b
67
94
41
132
291
188
170
100
181
5a
116b
103
103b 103a
116a
211
110
112
100a
109
102
101
111

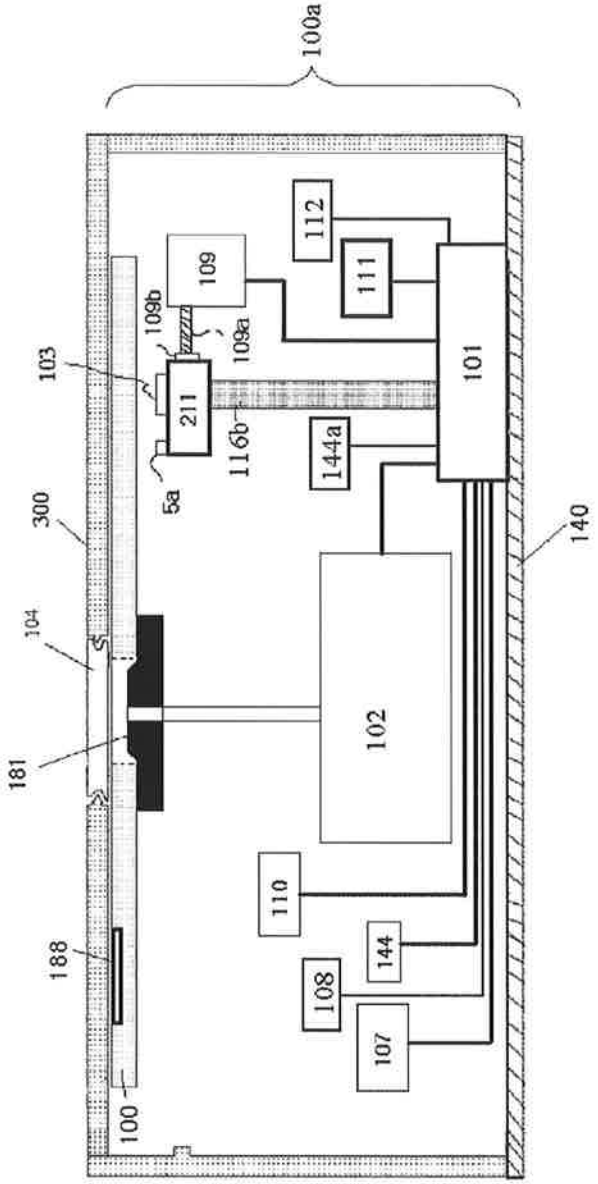
[Fig. 2]


188
290a
130
131c
133
92
100
121
12
170
93
131a
13
41b
7
131b
94
67
41c
41a
41
291
132

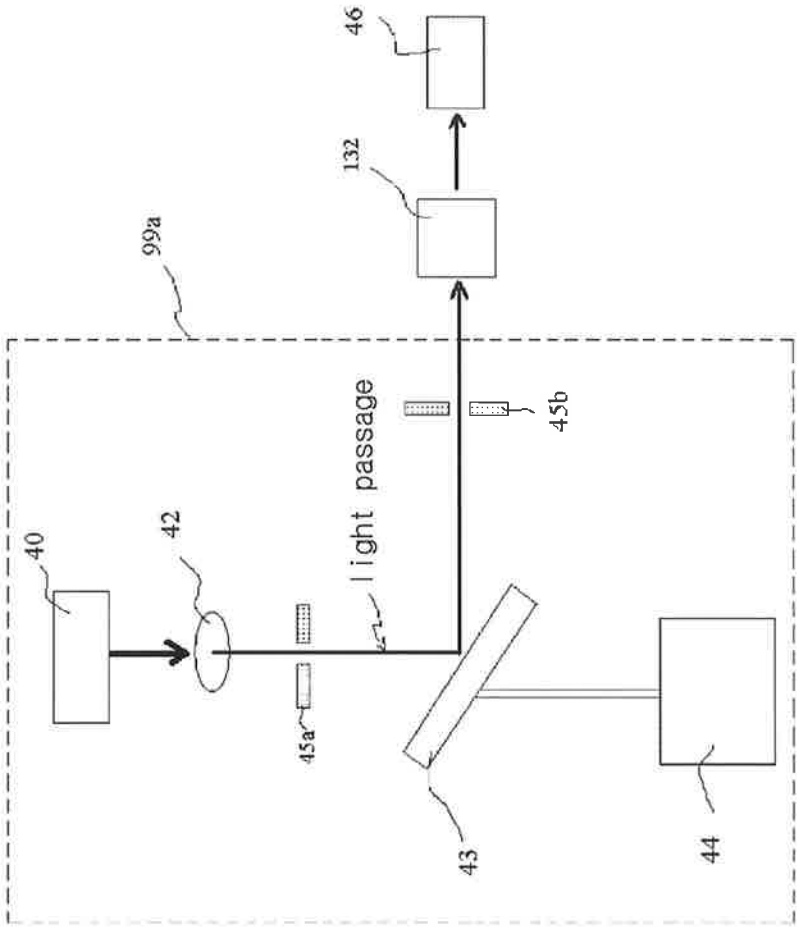
[Fig. 3]


110b
110d
116b
109
116a
108b
108a
103
103b
109b
211
103a
5a
109a
110a
181
110c

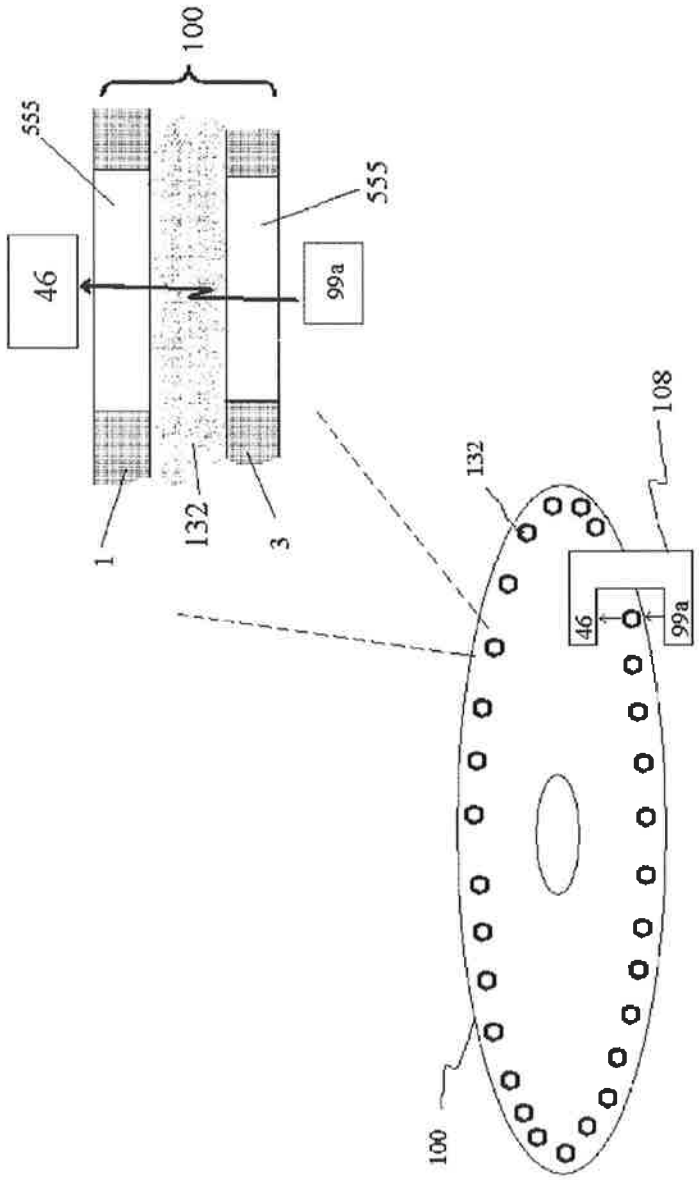
[Fig. 4]


100a
112
111
109
109b
109a
103
211
116b
101
144a
5a
300
140
104
102
181
110
188
144
108
107
100

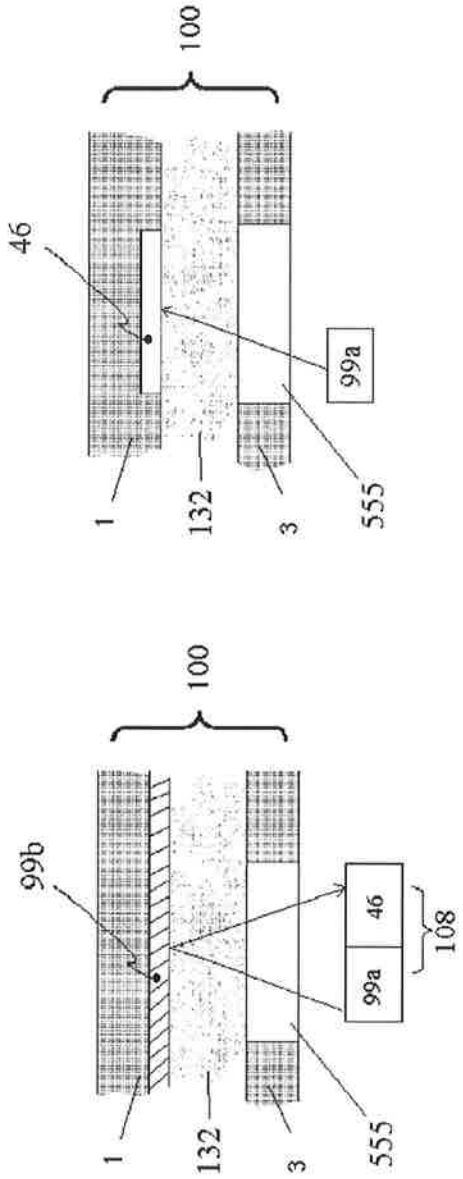
[Fig. 5]



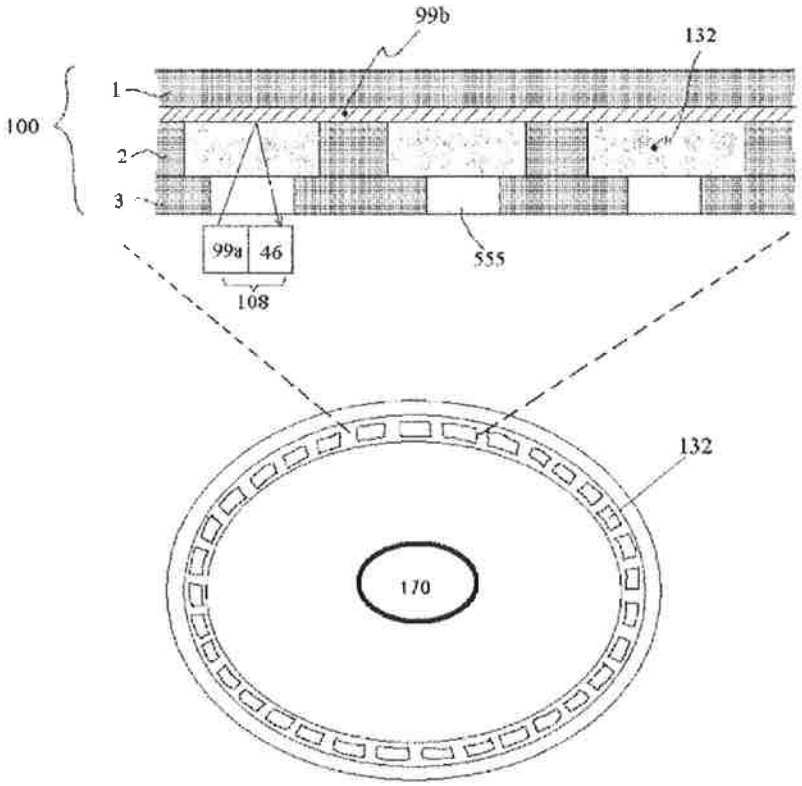
[Fig. 6]



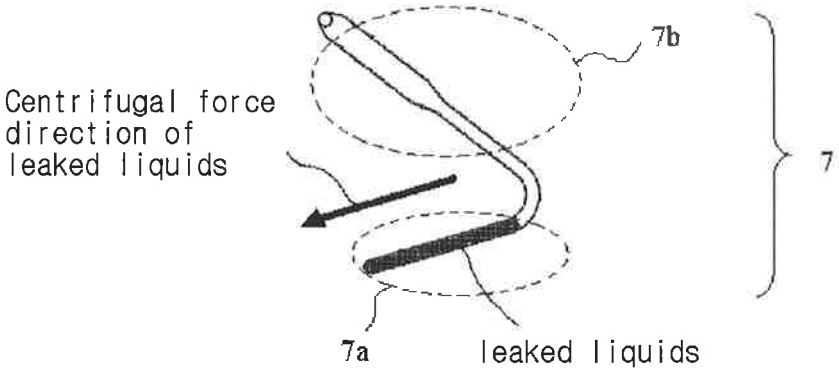
[Fig. 7]



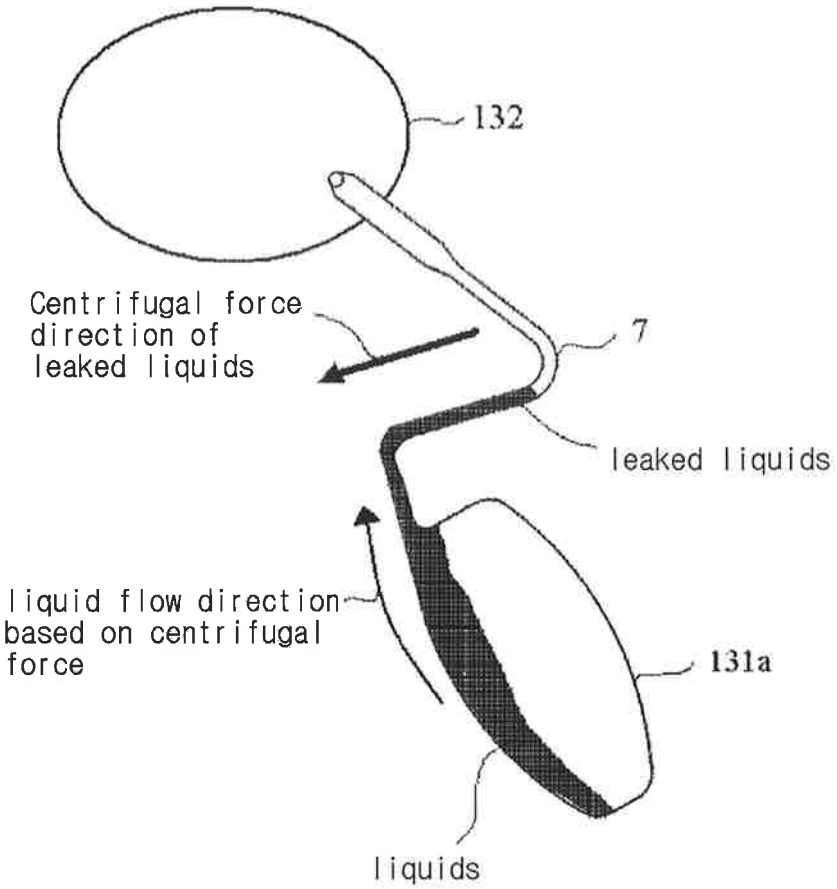
[Fig. 8]


99b
132
100
1
2
3
99a
46
108
555
132
170

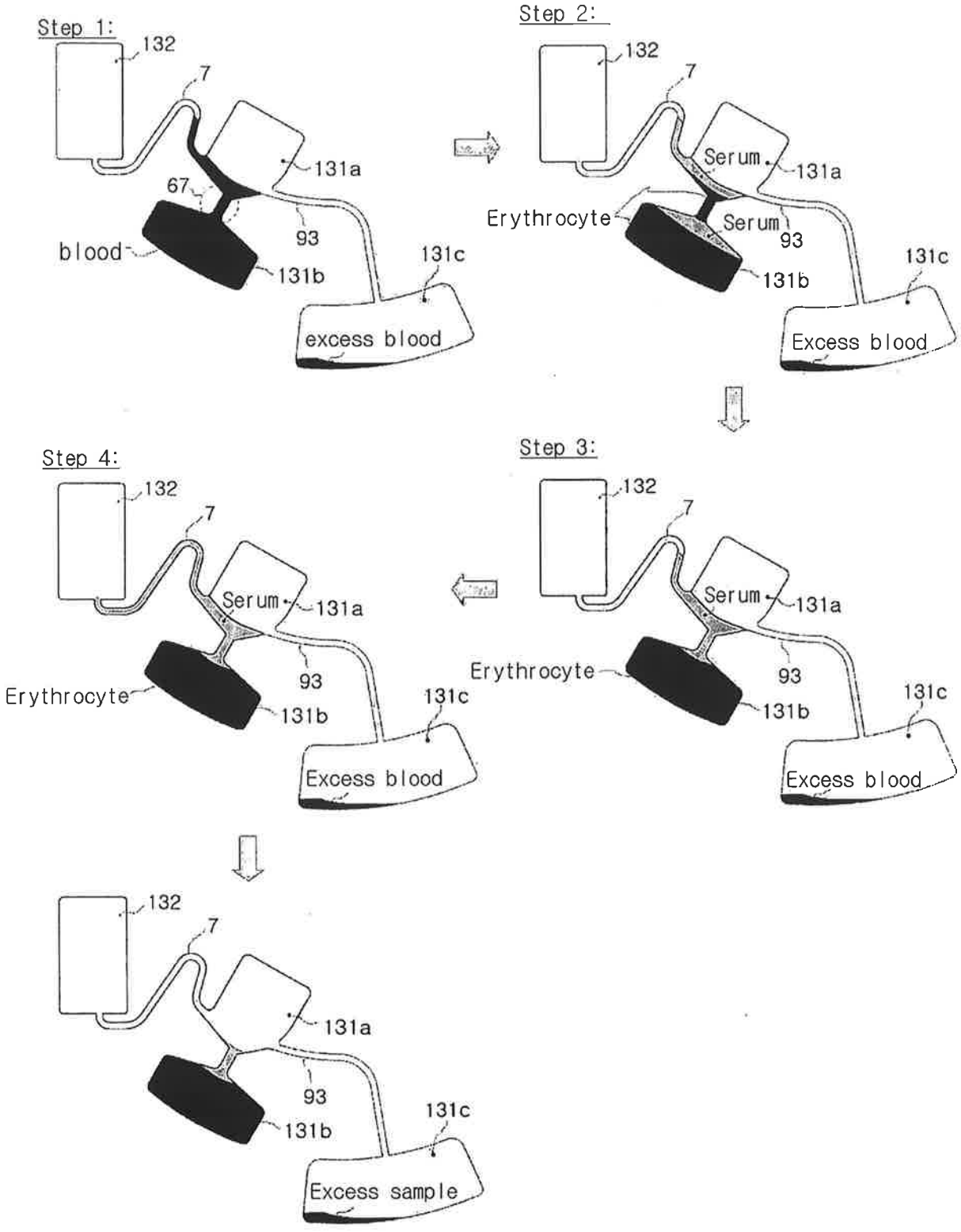
[Fig. 9]


Centrifugal force direction of leaked liquids
7b
7
7a
leaked liquids

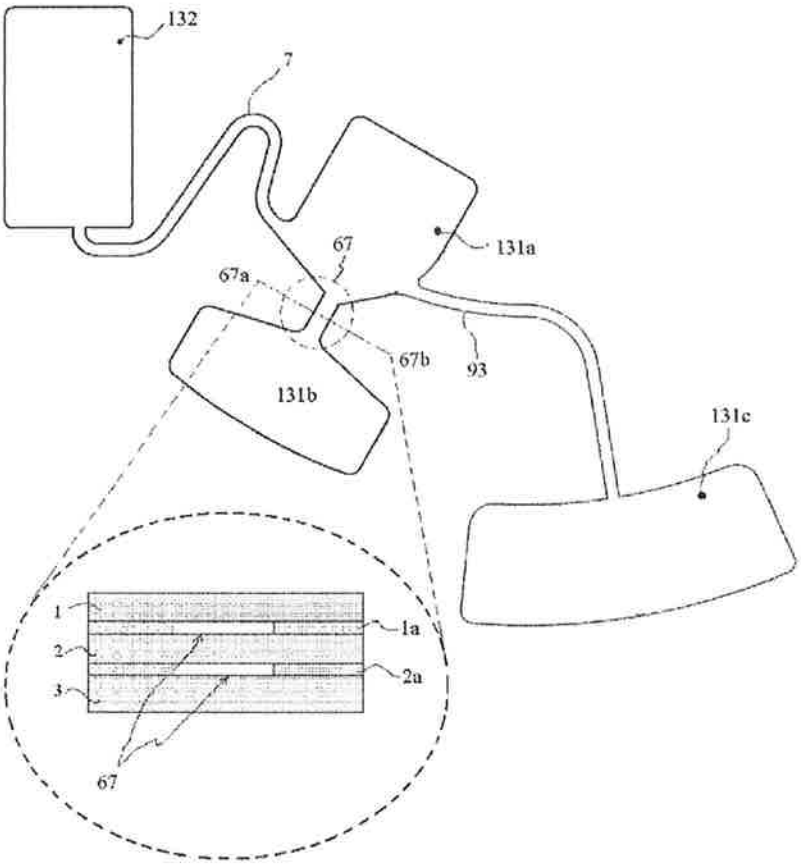
[Fig. 10]


132
Centrifugal force direction of leaked liquids
7
leaked liquids
liquid flow direction based on centrifugal force
131a
liquids

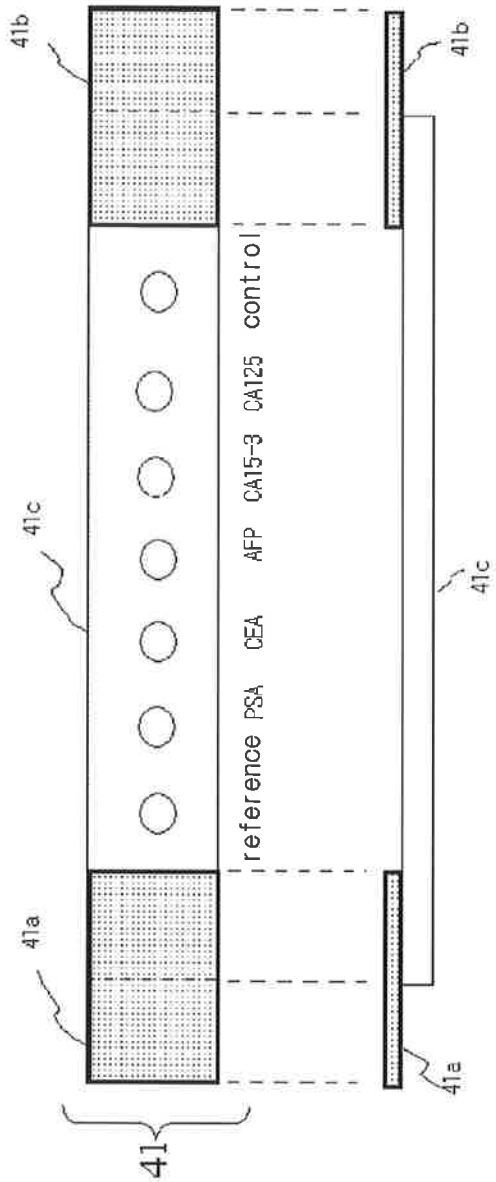
[Fig. 11]


Step 1:
132
7
131a
67
blood
93
131b
131c
excess blood
Step 2:
132
7
Serum
131a
Erythrocyte
Serum
93
131b
131c
Excess blood
Step 3:
132
7
Serum
131a
Erythrocyte
93
131b
131c
Excess blood
Step 4:
132
7
Serum
131a
Erythrocyte
93
131b
131c
Excess blood
132
7
131a
93
131b
131c
Excess sample

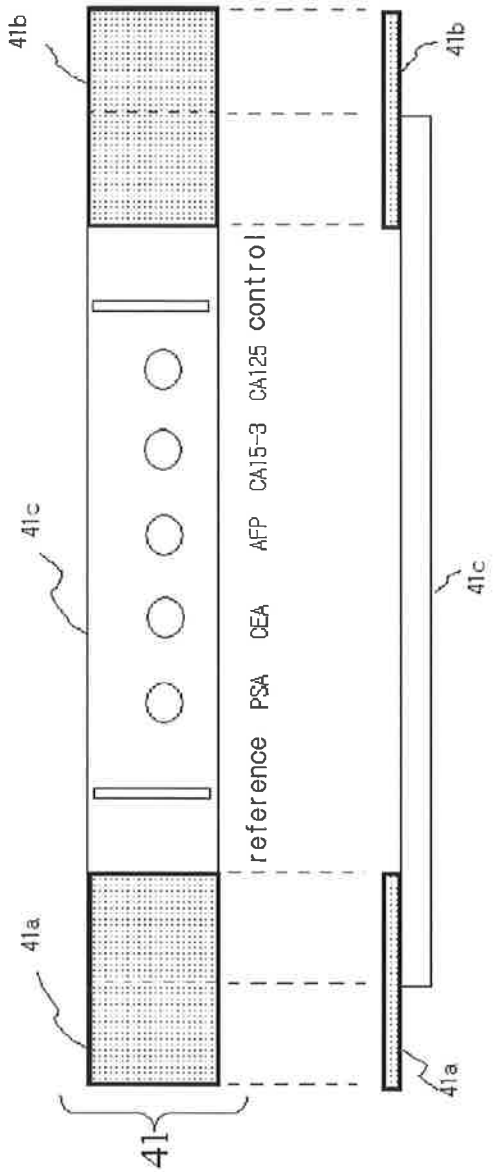
[Fig. 12]



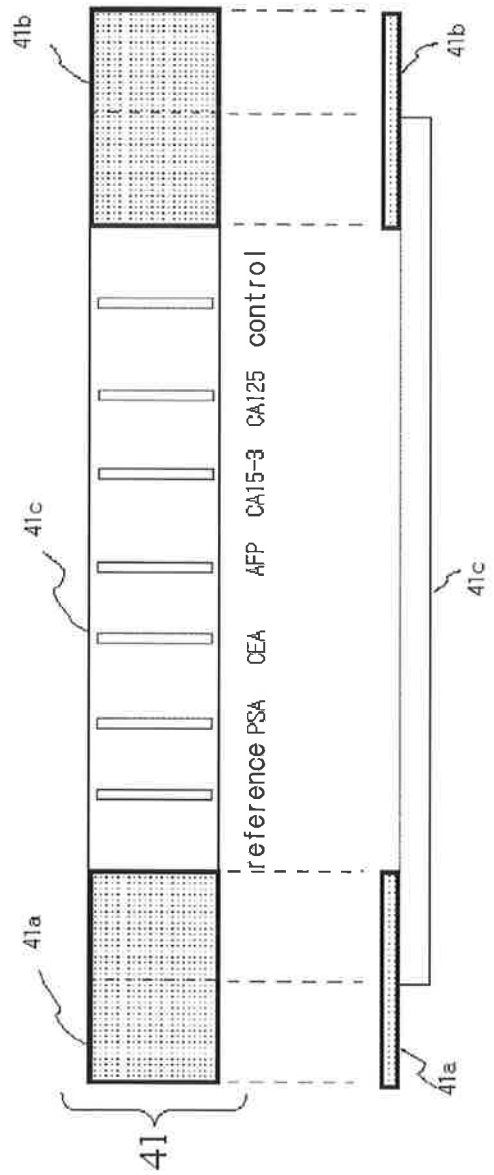
[Fig. 13]


41b
41b
41c
41c
41a
41a
41
reference PSA CEA AFP CA15-3 CA125 control

[Fig. 14]

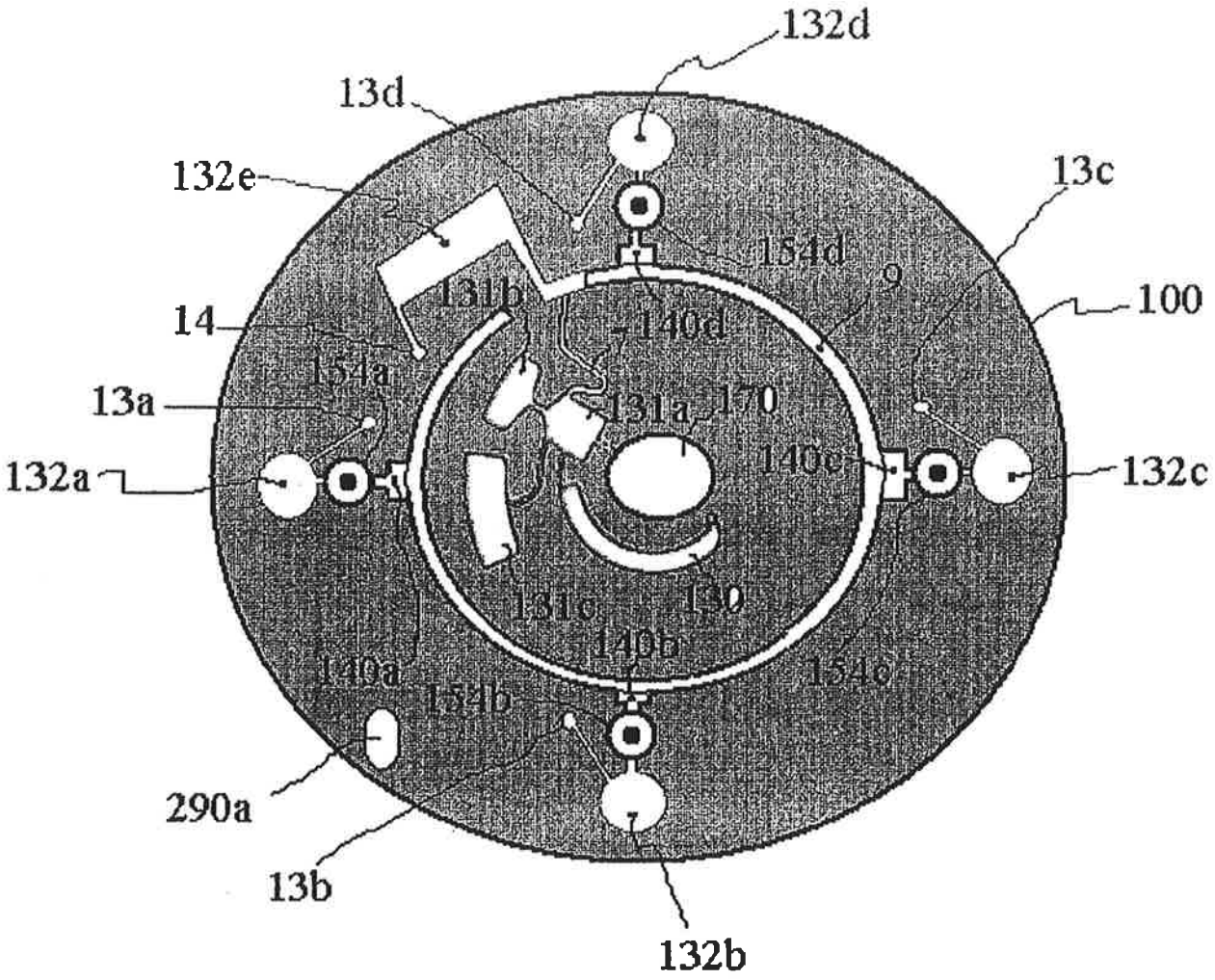

41b
41b
41c
41c
41a
41a
41
reference PSA CEA AFP CA15-3 CA125 control

[Fig. 15]

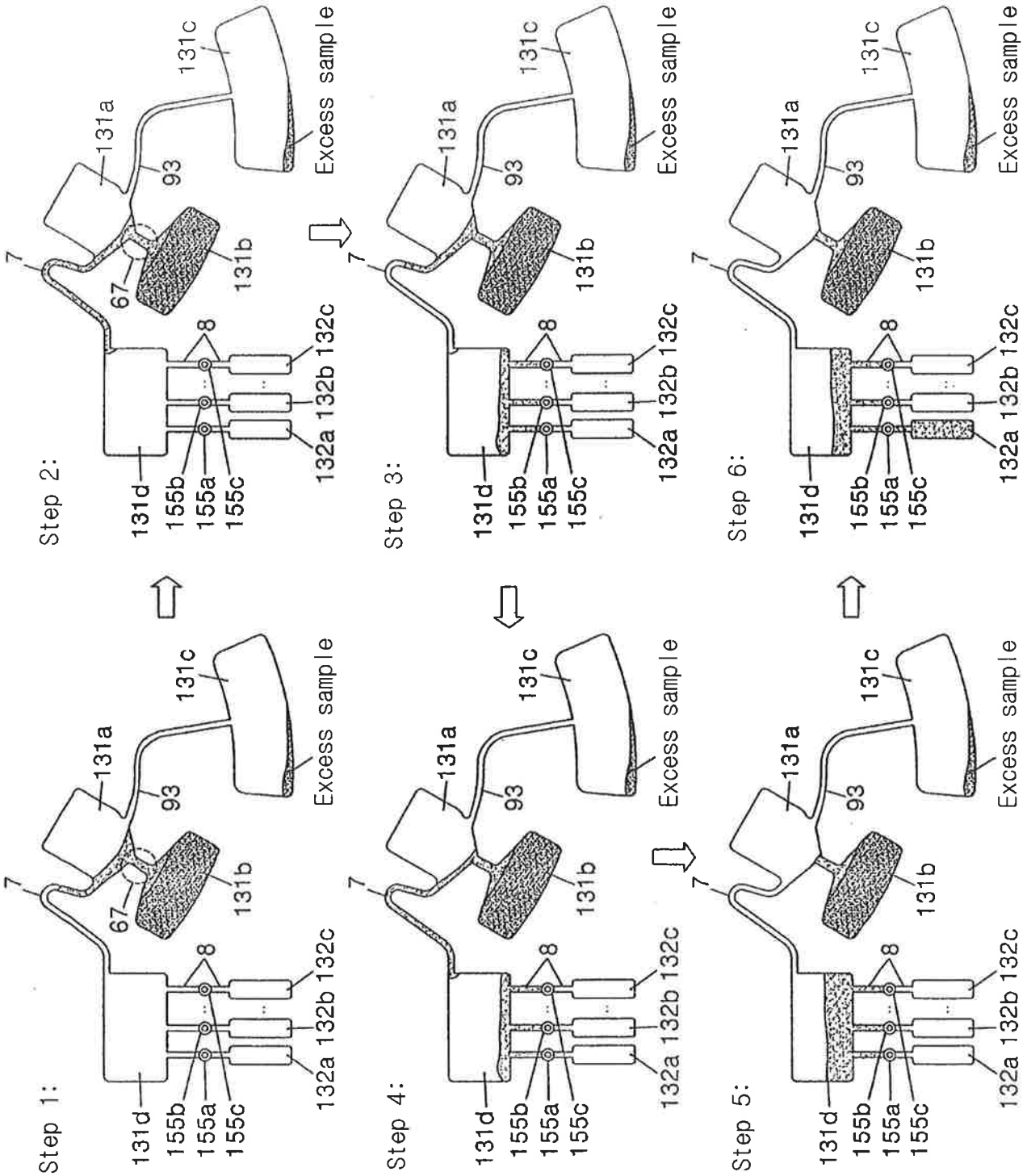

41b
41b
41c
41c
reference PSA CEA AFP CA15-3 CA125 control
41a
41a
41

16/23

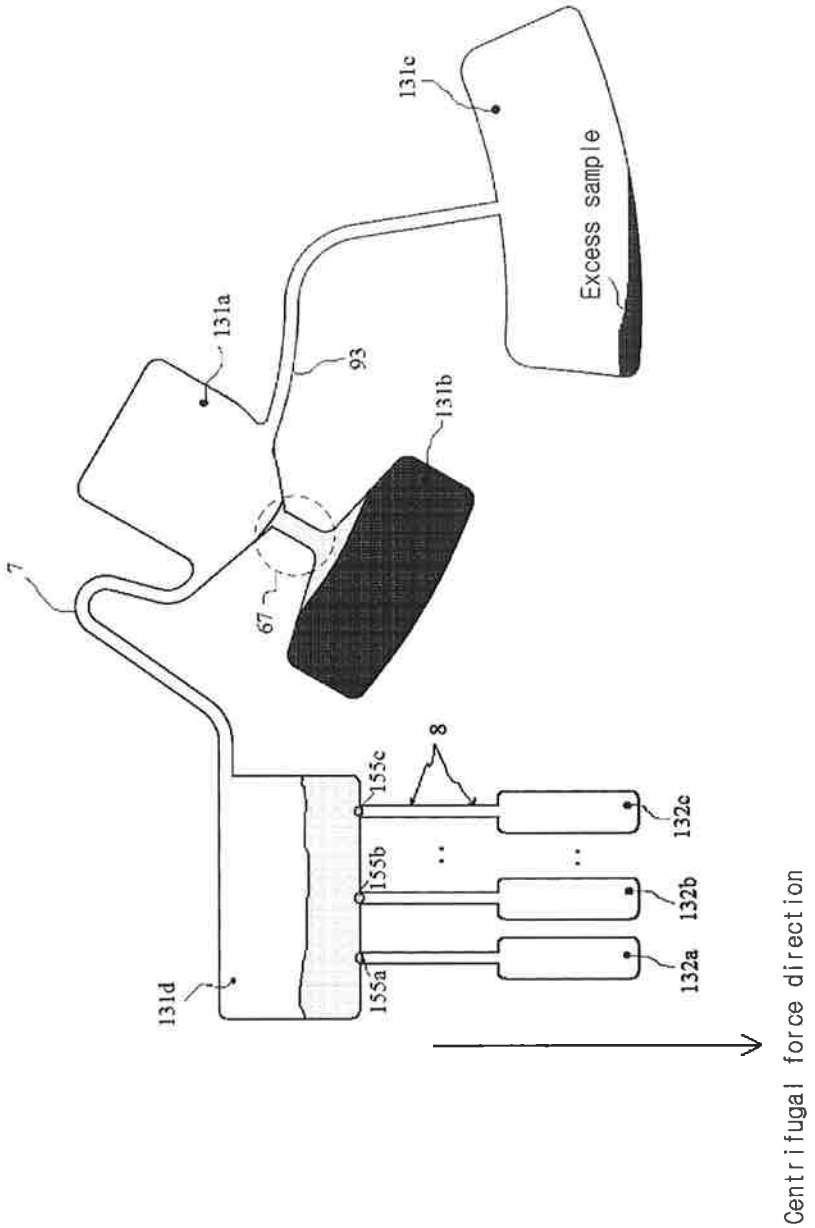
[Fig. 16]


132d
13d
132e
13c
154d
131b
9
100
14
140d
154a
13a
131a
170
132a
140c
132c
131c
130
140b
140a
154c
154b
290a
13b
132b

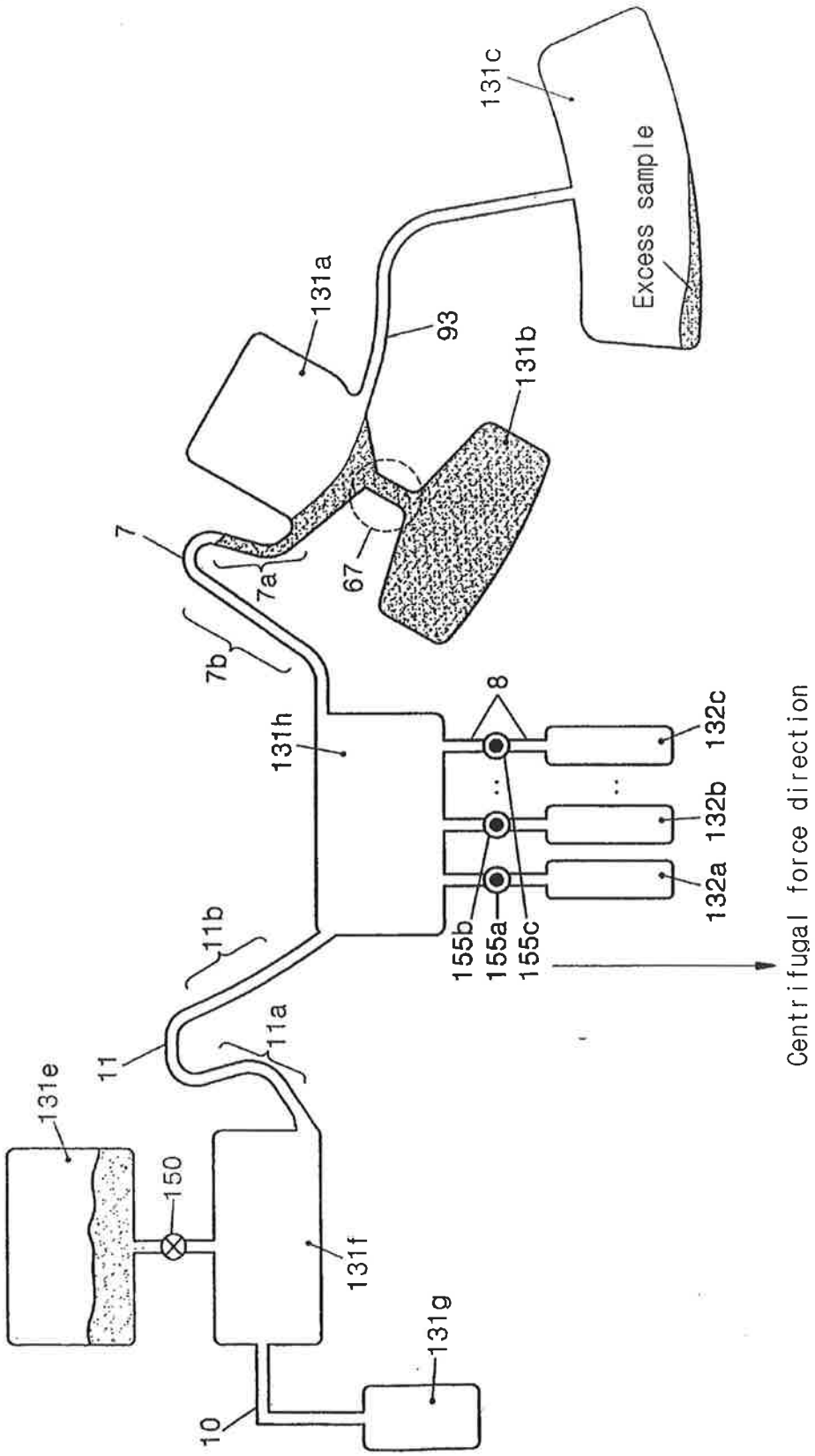
[Fig. 17]


Step 1:
Step 2:
Step 3:
Step 4:
Step 5:
Step 6:
Excess sample
131a
131b
131c
131d
132a 132b 132c
155a
155b
155c
67
7
8
93

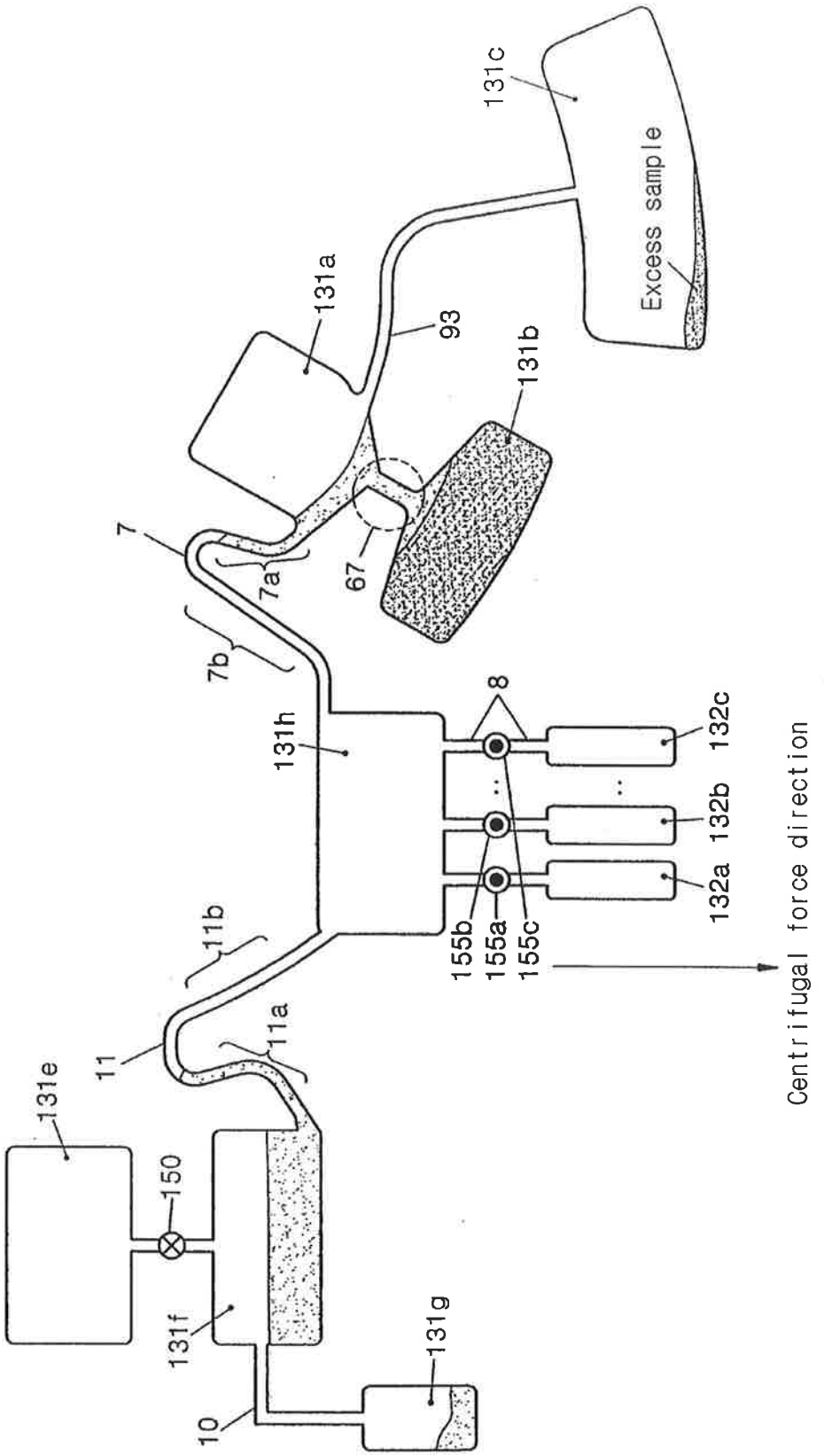
[Fig. 18]


131c
Excess sample
131a
93
131b
7
67
8
155c
155b
155a
132c
132b
132a
131d
Centrifugal force direction

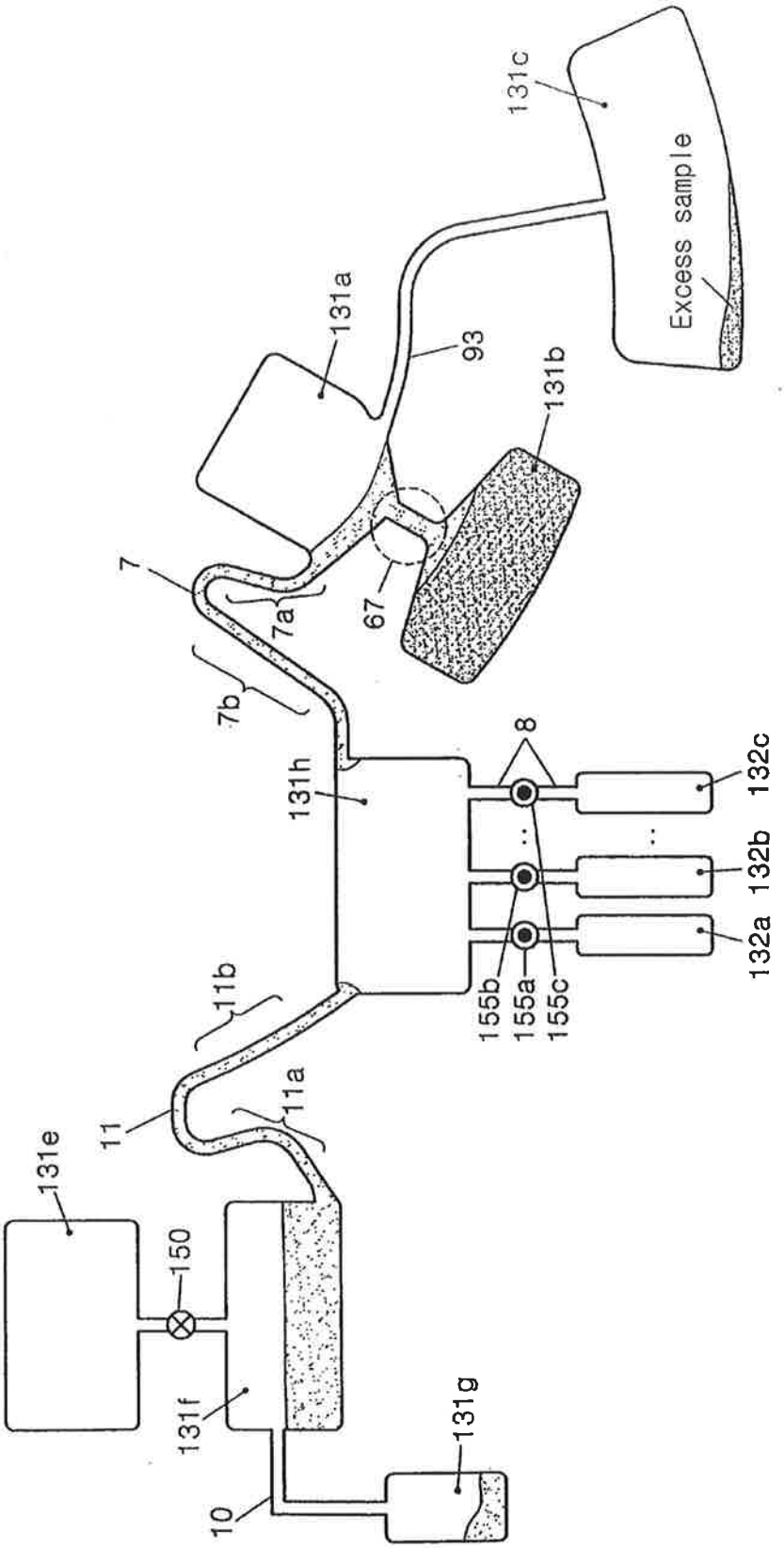
[Fig. 19]


131c
Excess sample
131a
93
131b
7
7a
67
7b
131h
8
132c
132b
132a
155b
155a
155c
Centrifugal force direction
11b
11
11a
131e
150
131f
131g
10

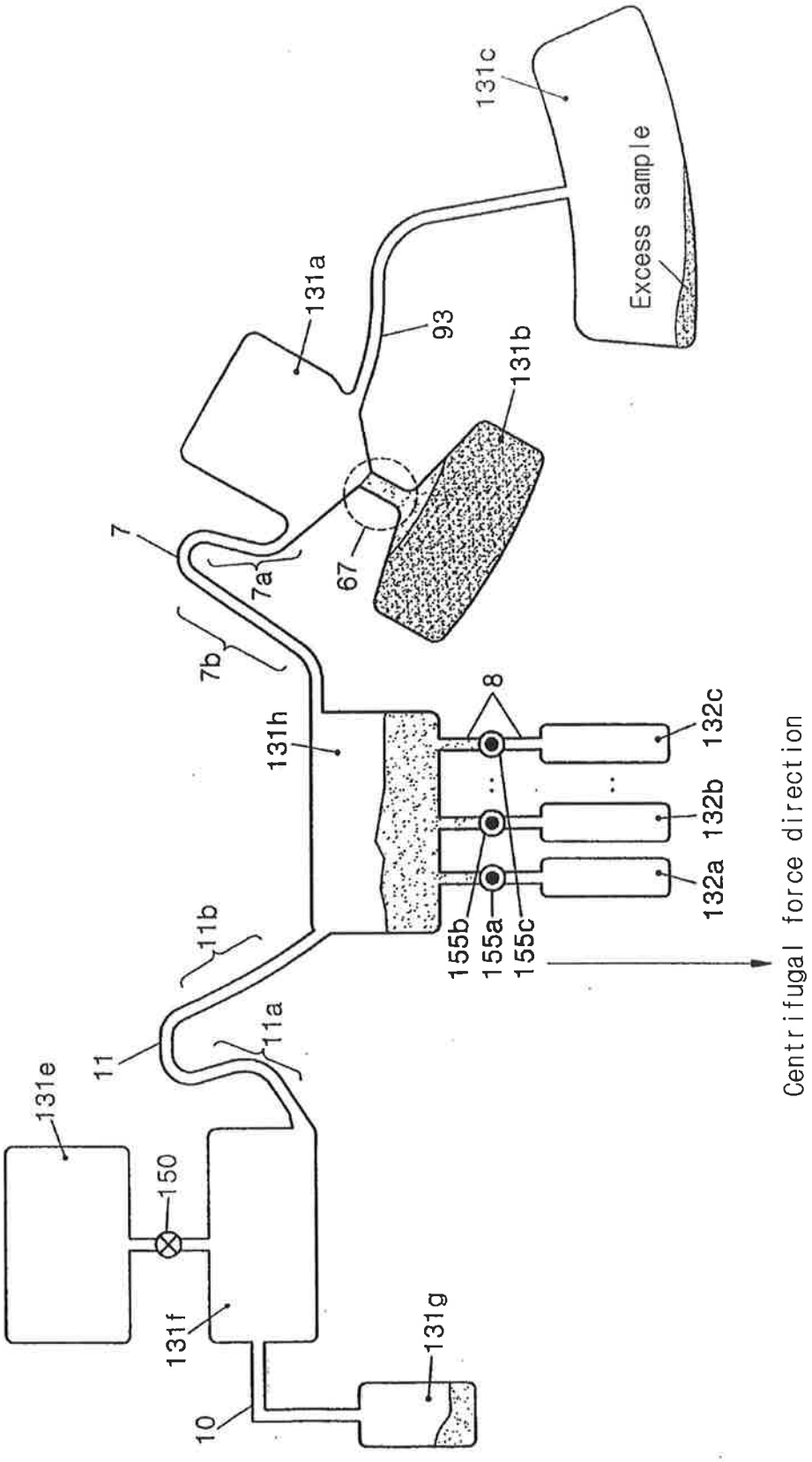
[Fig. 20]


131c
Excess sample
131a
93
131b
7
7a
67
7b
8
131h
132c
132b
132a
155b
155a
155c
Centrifugal force direction
11b
11a
11
131e
150
131f
131g
10

[Fig. 21]


131c
Excess sample
131a
93
131b
7
7a
67
7b
8
131h
132c
132b
132a
155b
155a
155c
11b
11
11a
131e
150
131f
131g
10

[Fig. 22]


131c
Excess sample
131a
93
131b
7
7a
67
7b
131h
8
132c
132b
132a
155b
155a
155c
11b
11
11a
131e
150
131f
131g
10
Centrifugal force direction

[Fig. 23]

