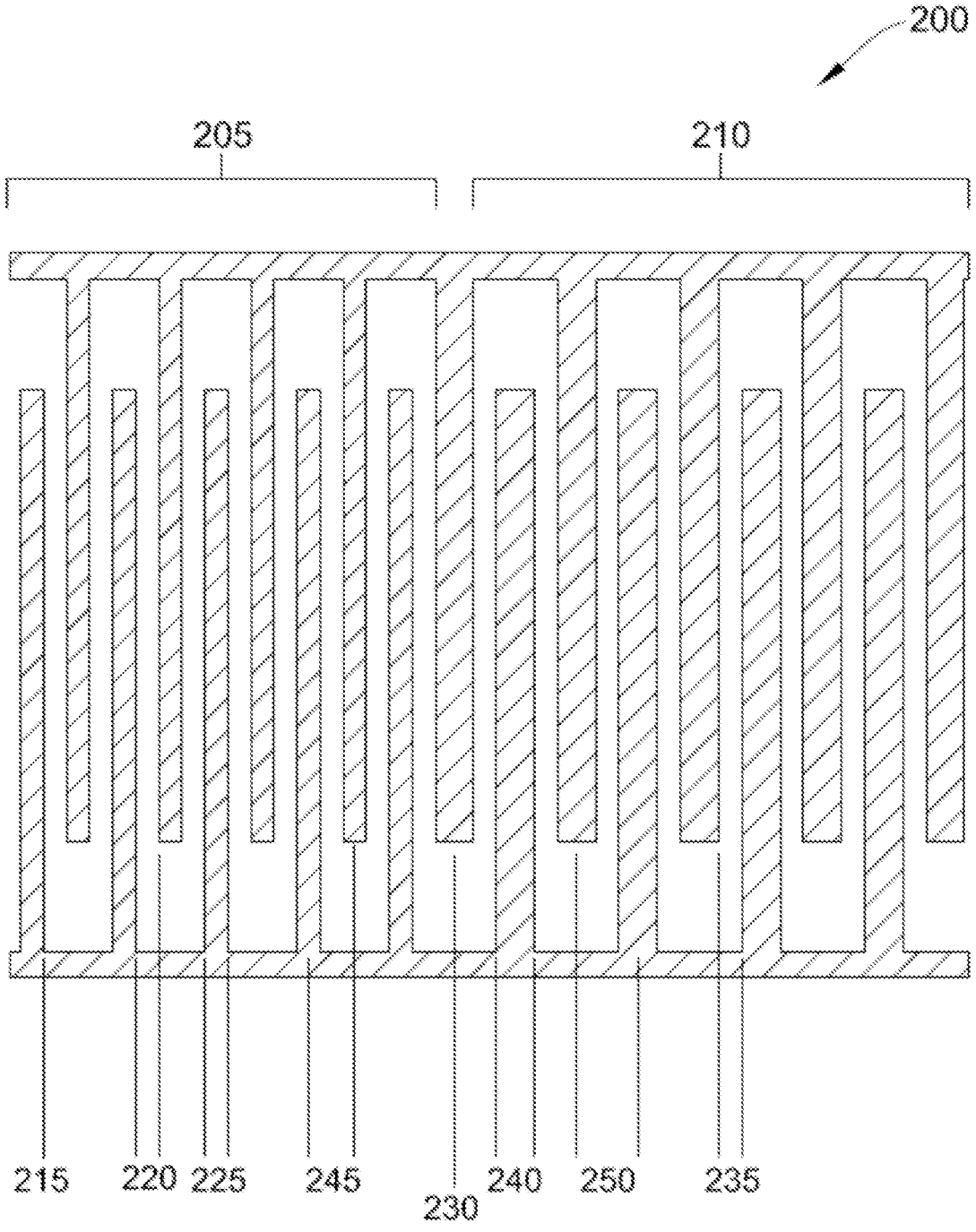


FIG. 1

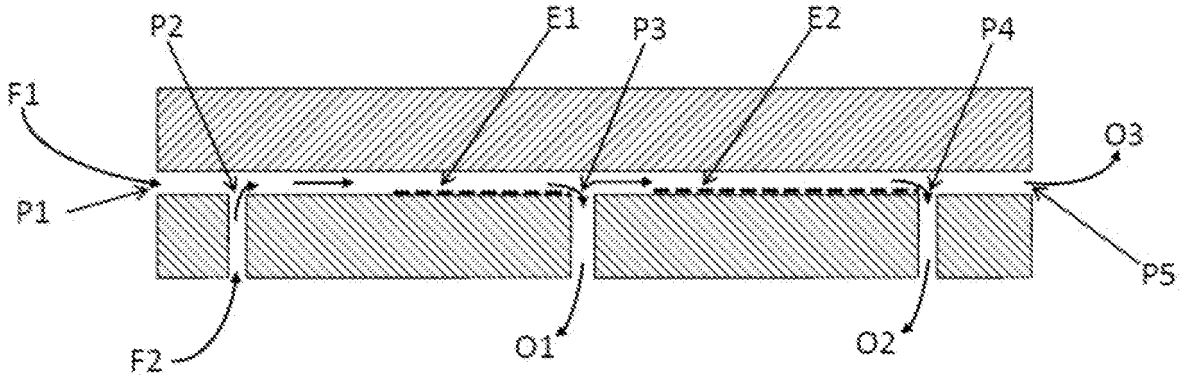


FIG. 2

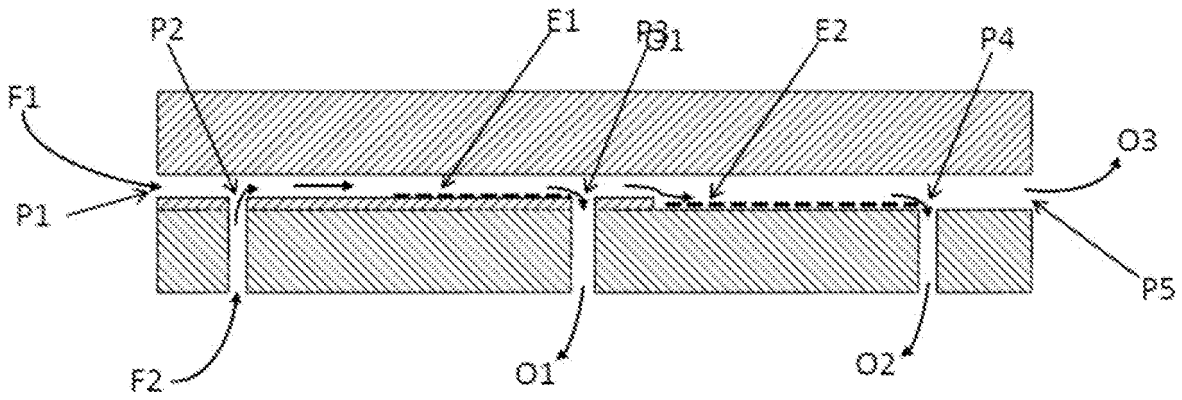


FIG. 3

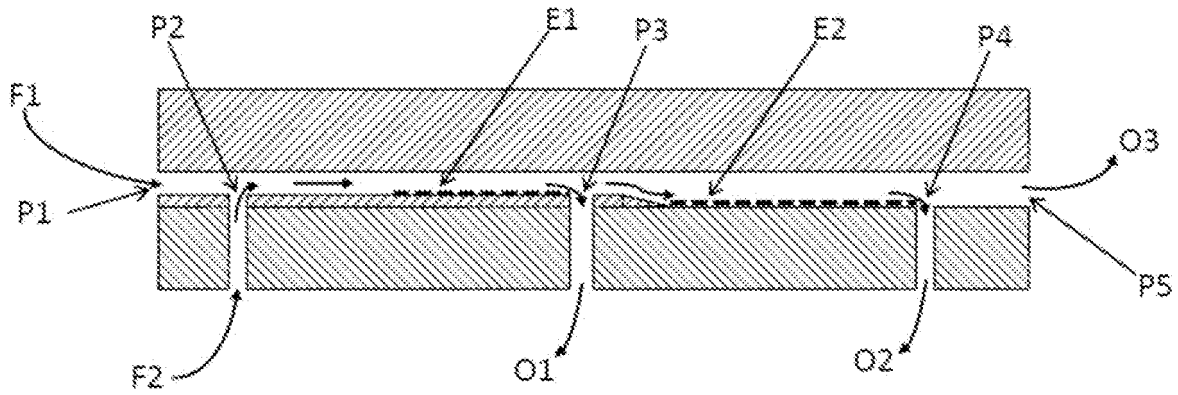


FIG. 4

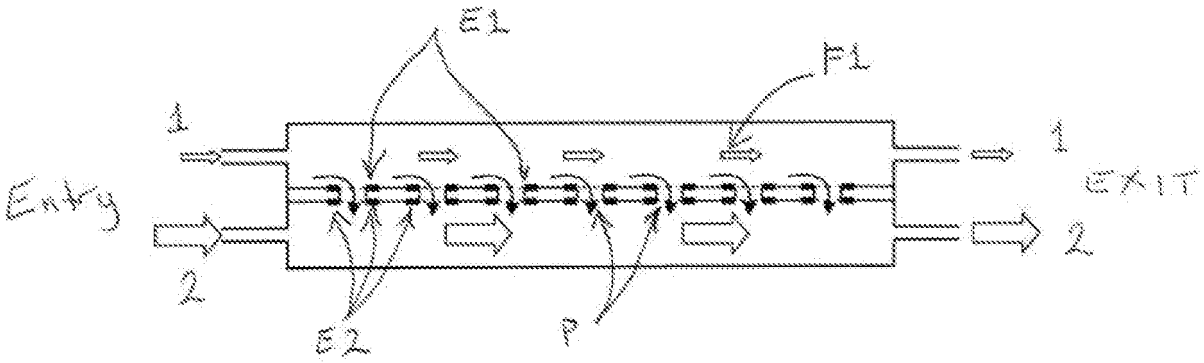


FIG. 5

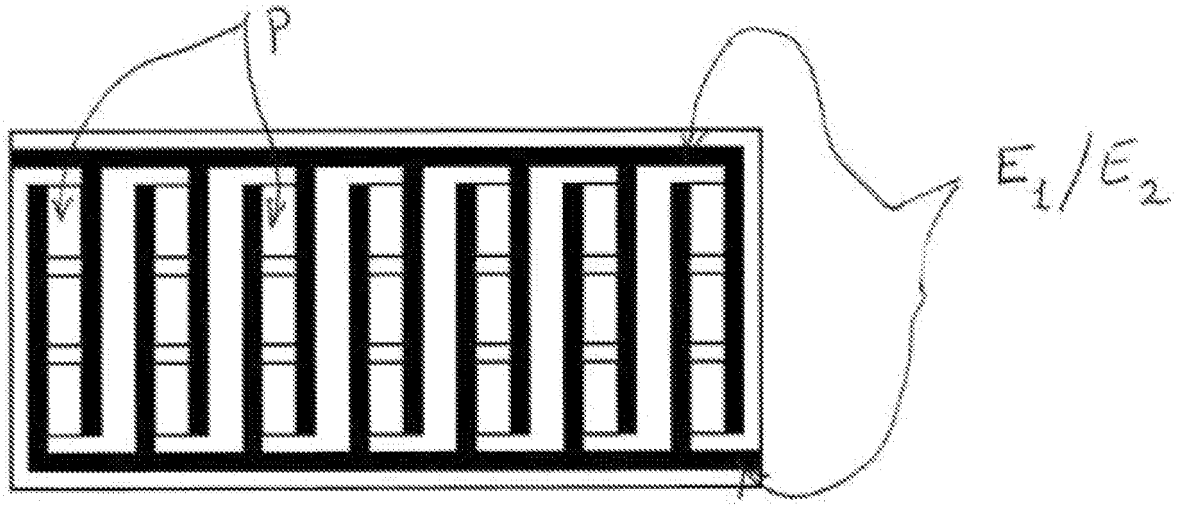


FIG. 6

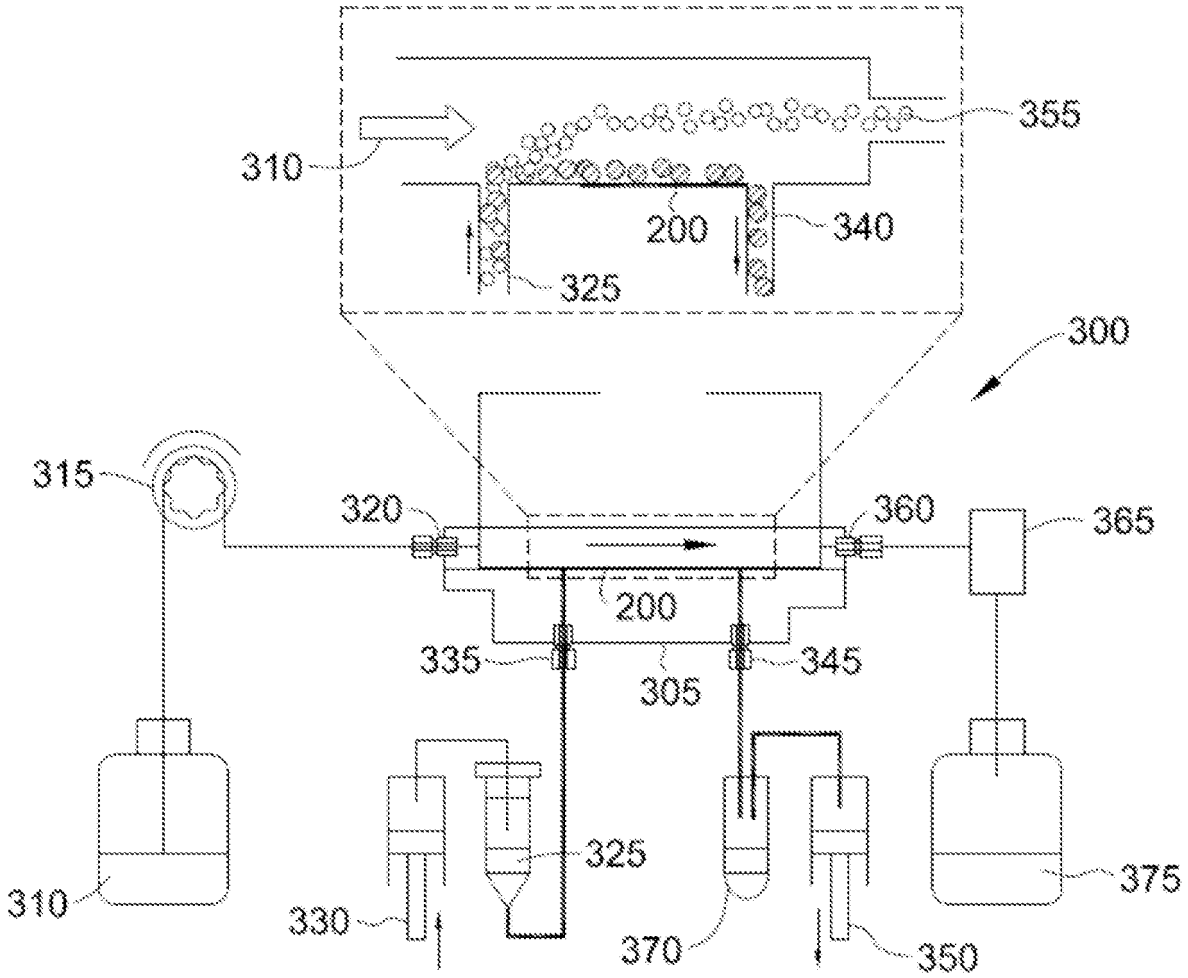

355
310
200
340
325
300
315
320
360
365
200
335
345
305
325
310
330
370
350
375

FIG. 7

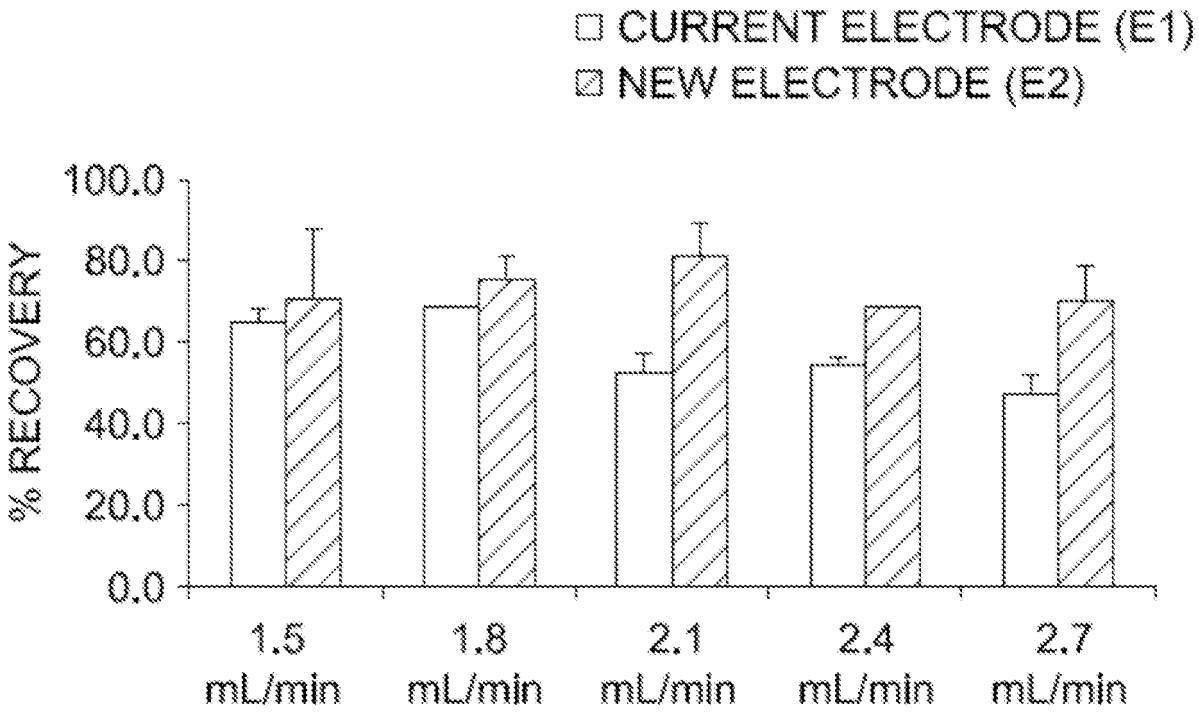

CURRENT ELECTRODE (E1)
NEW ELECTRODE (E2)
% RECOVERY
100.0
80.0
60.0
40.0
20.0
0.0
1.5 mL/min
1.8 mL/min
2.1 mL/min
2.4 mL/min
2.7 mL/min

FIG. 8

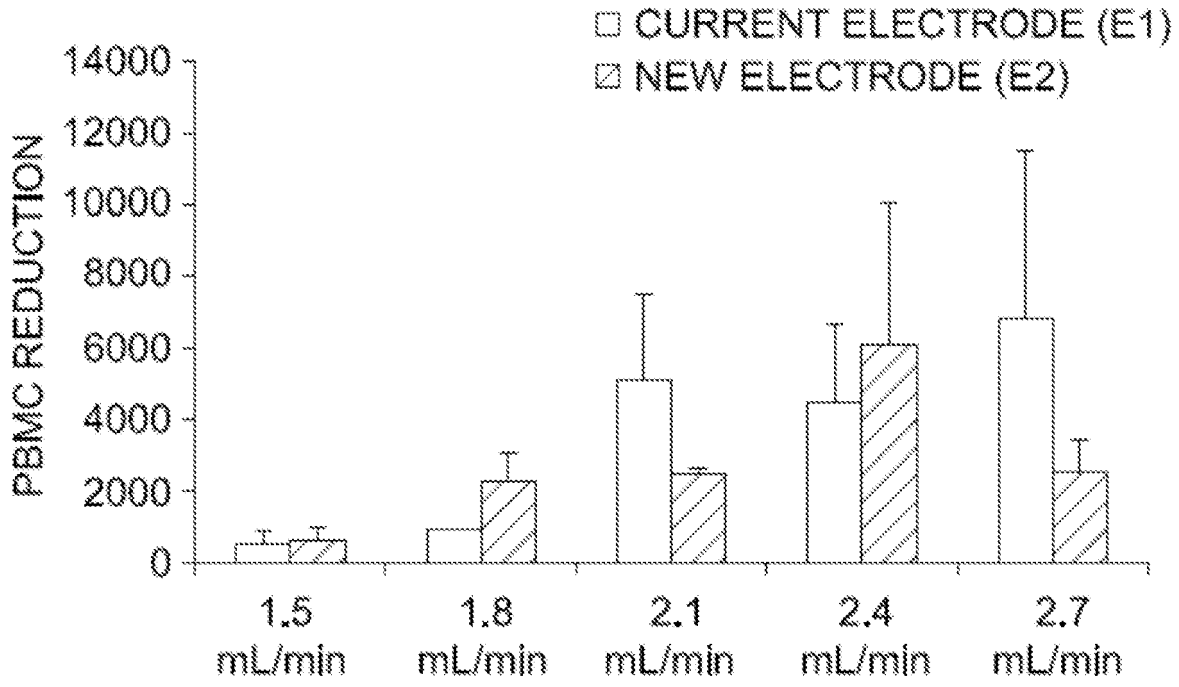

CURRENT ELECTRODE (E1)
NEW ELECTRODE (E2)
PBMC REDUCTION
14000
12000
10000
8000
6000
4000
2000
0
1.5 mL/min
1.8 mL/min
2.1 mL/min
2.4 mL/min
2.7 mL/min

FIG. 9

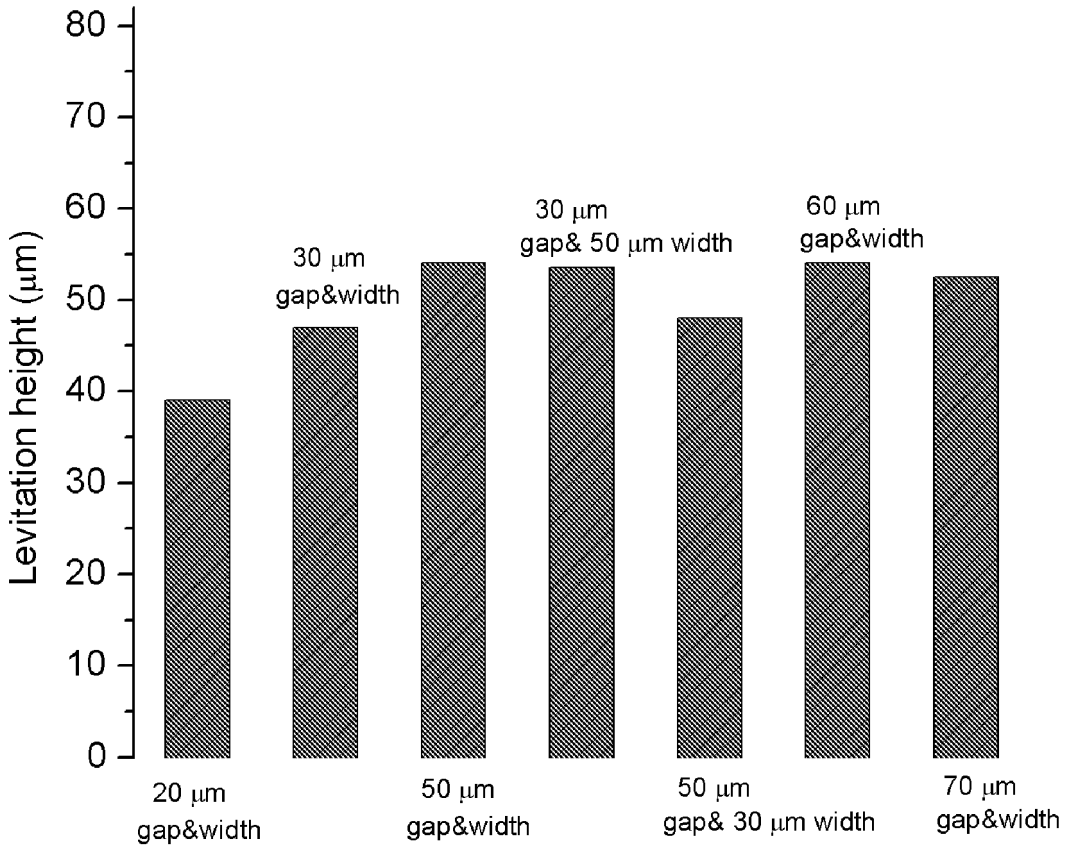

Levitation height (μm)
0
10
20
30
40
50
60
70
80
20 μm gap&width
30 μm gap&width
50 μm gap&width
30 μm gap& 50 μm width
50 μm gap& 30 μm width
60 μm gap&width
70 μm gap&width

FIG. 10