FIG. 1A

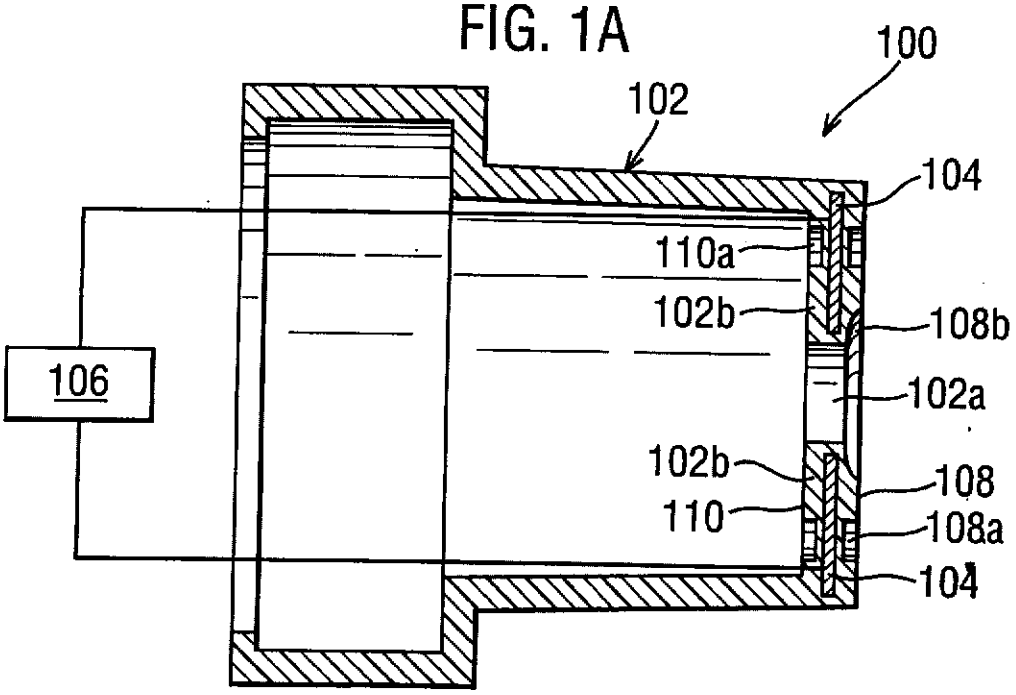

100
102
104
110a
102b
108b
106
102a
102b
108
110
108a
104

FIG. 1B

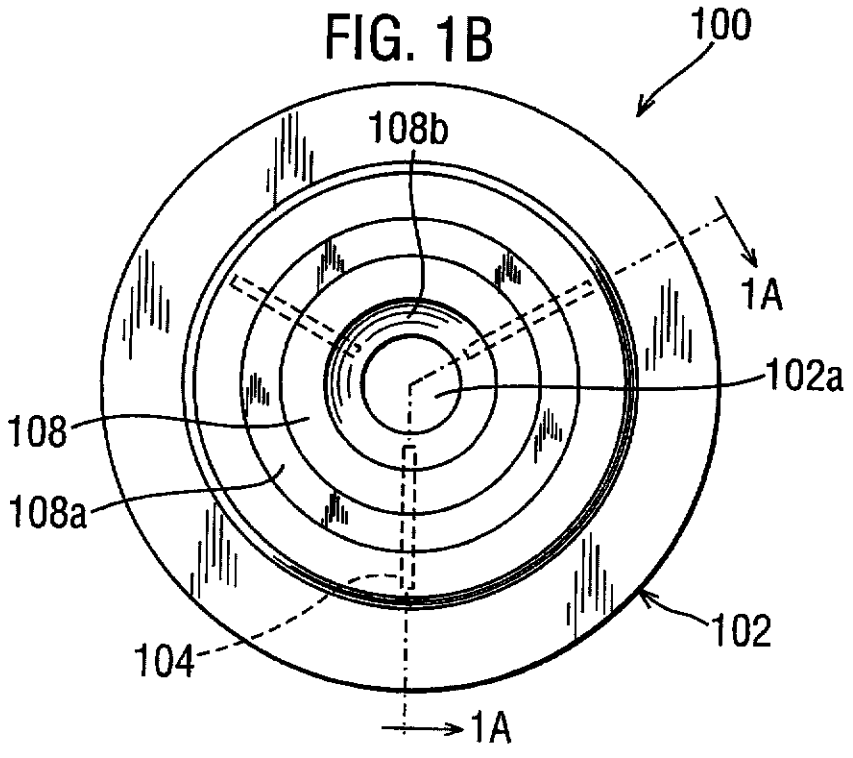
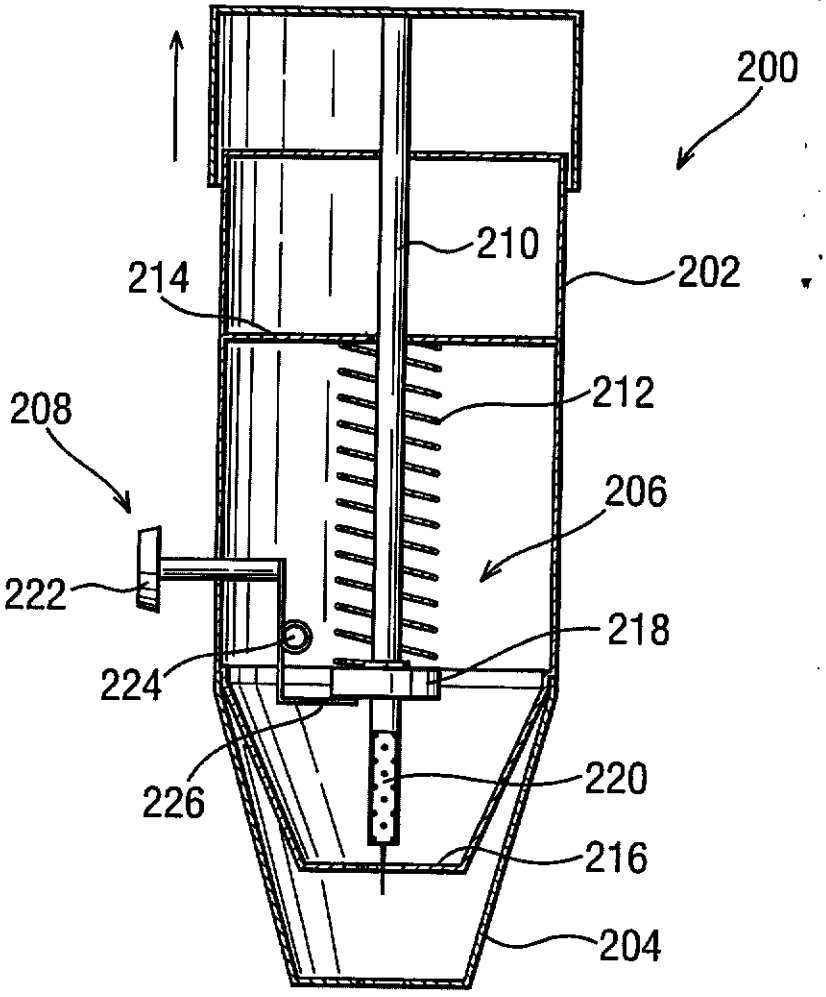

100
108b
1A
102a
108
108a
102
104
1A

FIG. 2
PRIOR ART



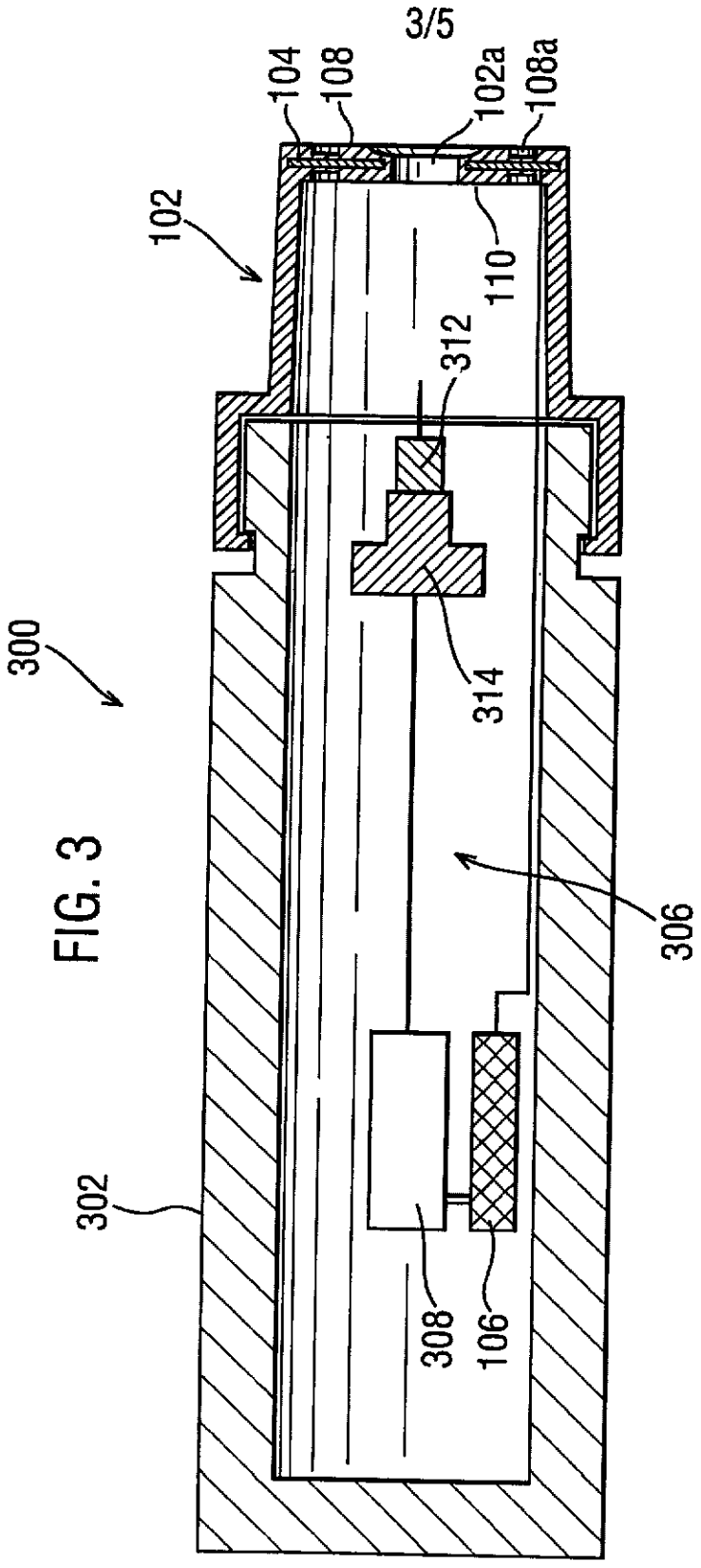


FIG. 3

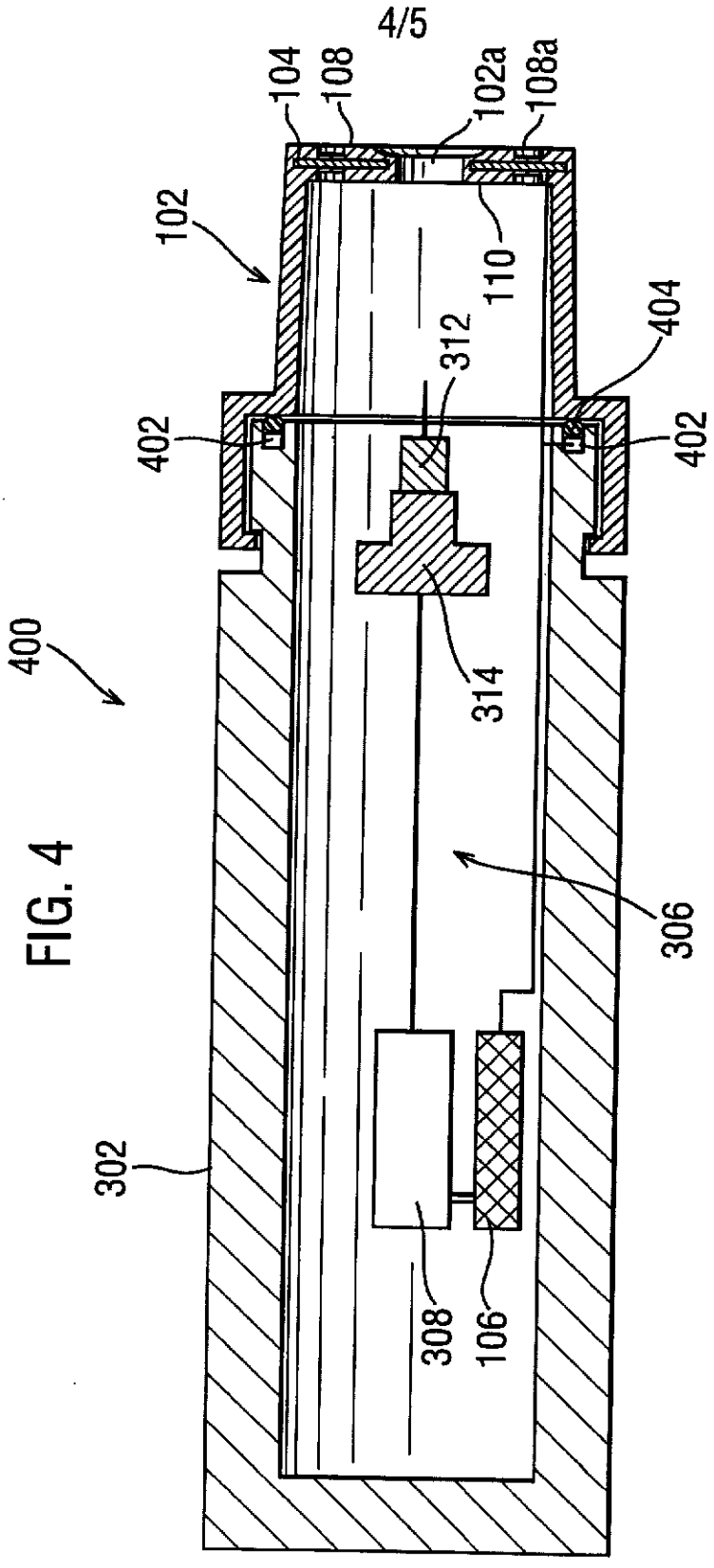
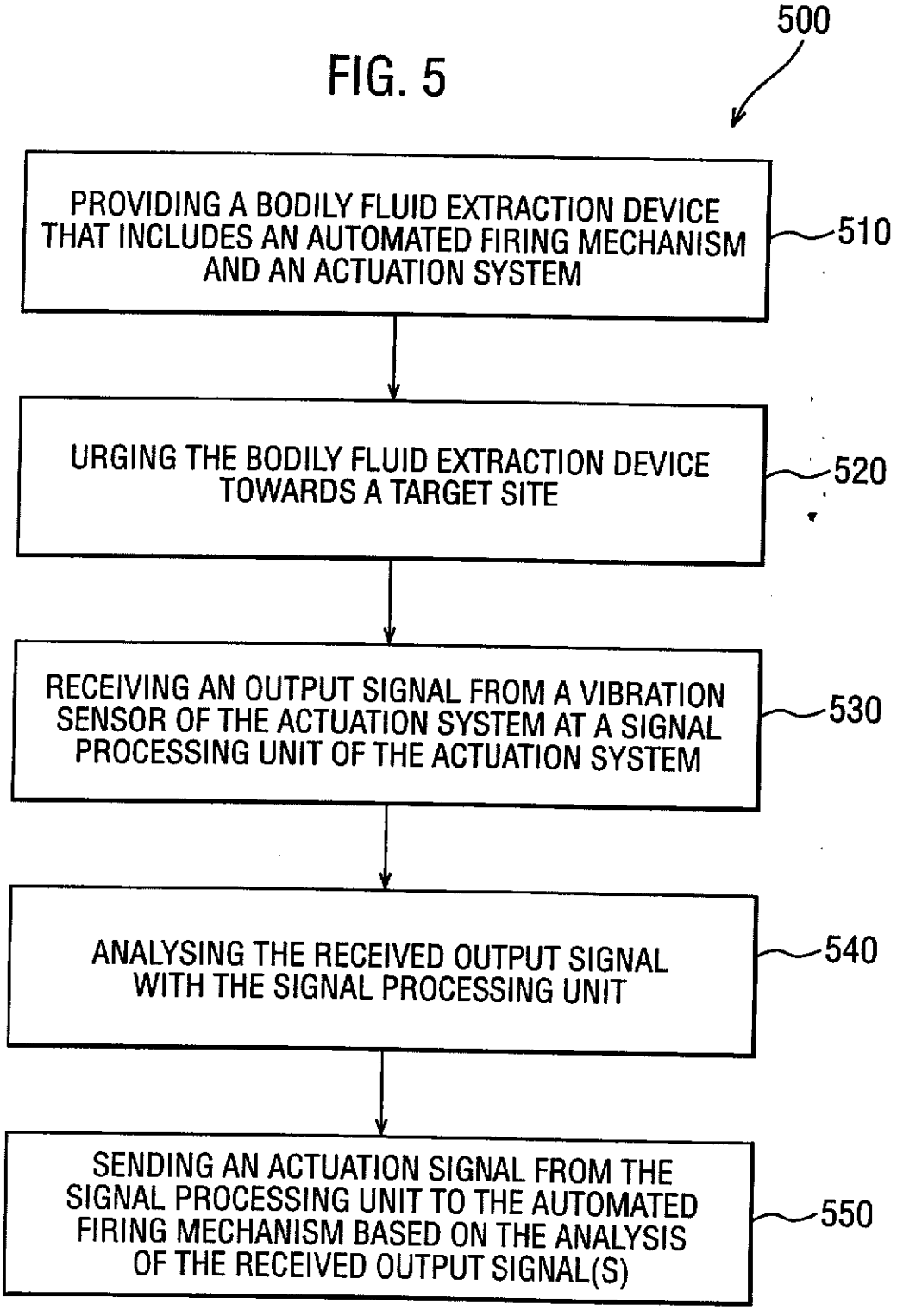

400
102
104
108
102a
108a
110
312
404
402
402
314
306
302
308
106

FIG. 4

FIG. 5


500
PROVIDING A BODILY FLUID EXTRACTION DEVICE THAT INCLUDES AN AUTOMATED FIRING MECHANISM AND AN ACTUATION SYSTEM
510
URGING THE BODILY FLUID EXTRACTION DEVICE TOWARDS A TARGET SITE
520
RECEIVING AN OUTPUT SIGNAL FROM A VIBRATION SENSOR OF THE ACTUATION SYSTEM AT A SIGNAL PROCESSING UNIT OF THE ACTUATION SYSTEM
530
ANALYSING THE RECEIVED OUTPUT SIGNAL WITH THE SIGNAL PROCESSING UNIT
540
SENDING AN ACTUATION SIGNAL FROM THE SIGNAL PROCESSING UNIT TO THE AUTOMATED FIRING MECHANISM BASED ON THE ANALYSIS OF THE RECEIVED OUTPUT SIGNAL(S)
550