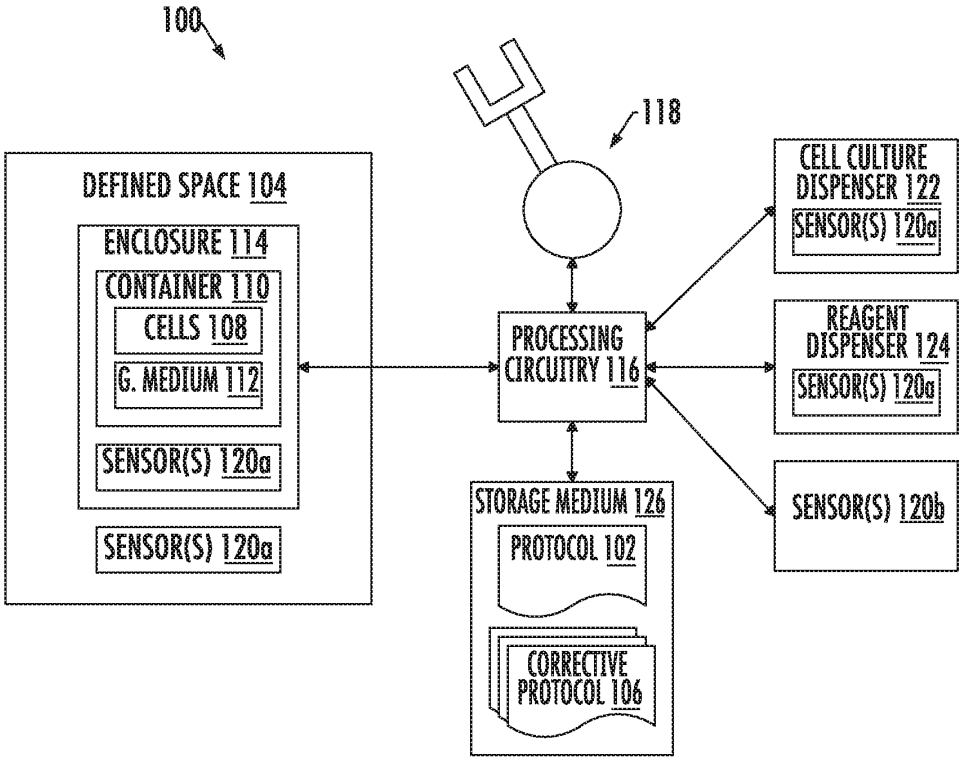

100
118
DEFINED SPACE 104
ENCLOSURE 114
CONTAINER 110
CELLS 108
G. MEDIUM 112
SENSOR(S) 120a
SENSOR(S) 120a
PROCESSING CIRCUITRY 116
STORAGE MEDIUM 126
PROTOCOL 102
CORRECTIVE PROTOCOL 106
CELL CULTURE DISPENSER 122
SENSOR(S) 120a
REAGENT DISPENSER 124
SENSOR(S) 120a
SENSOR(S) 120b

FIG. 1

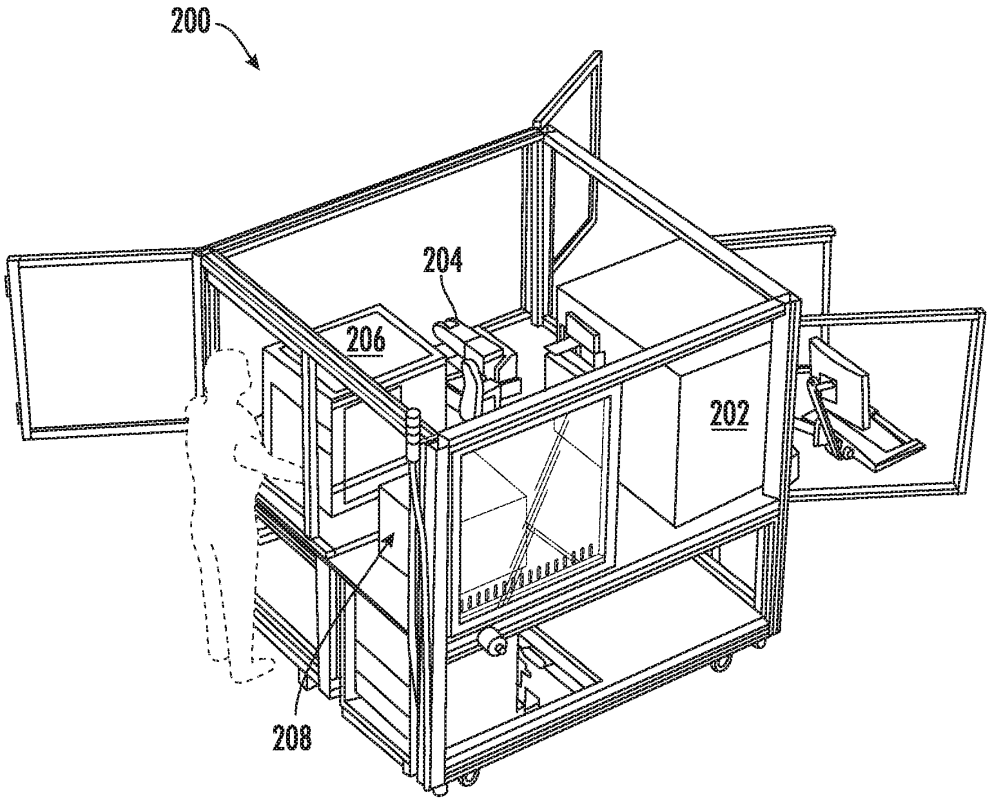


FIG. 2

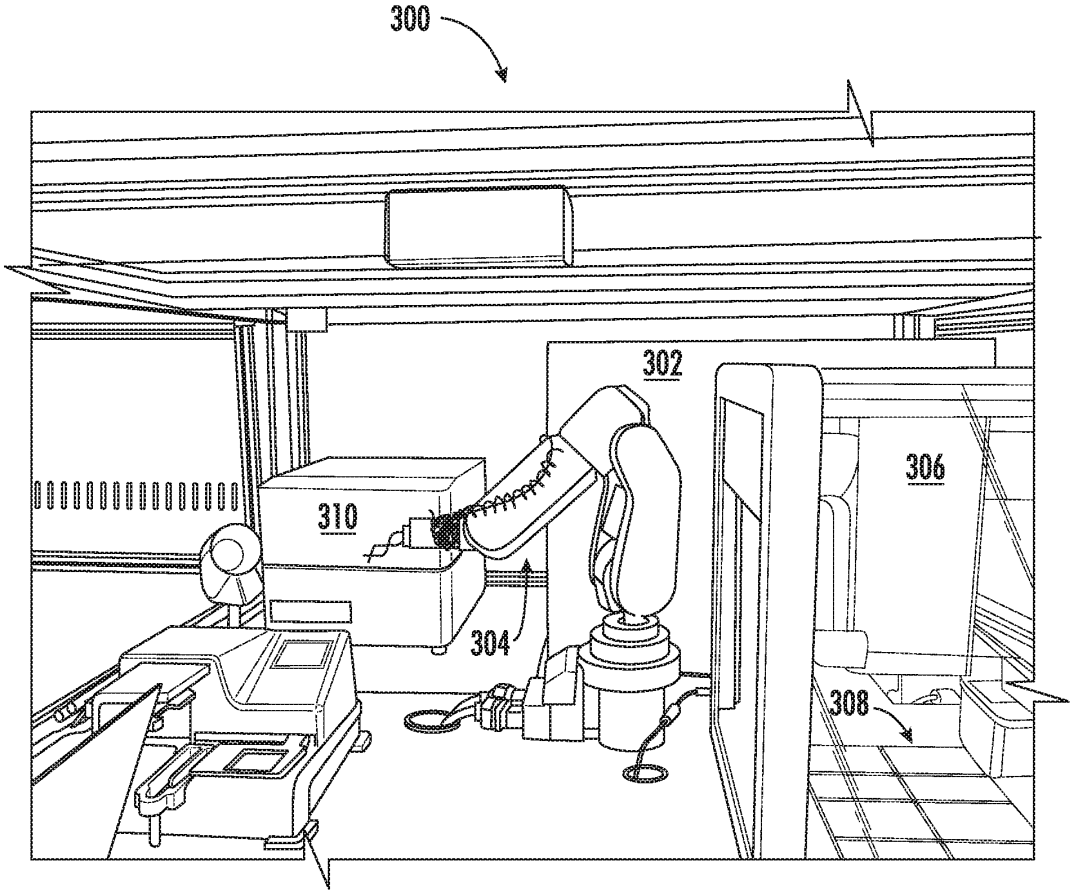


FIG. 3

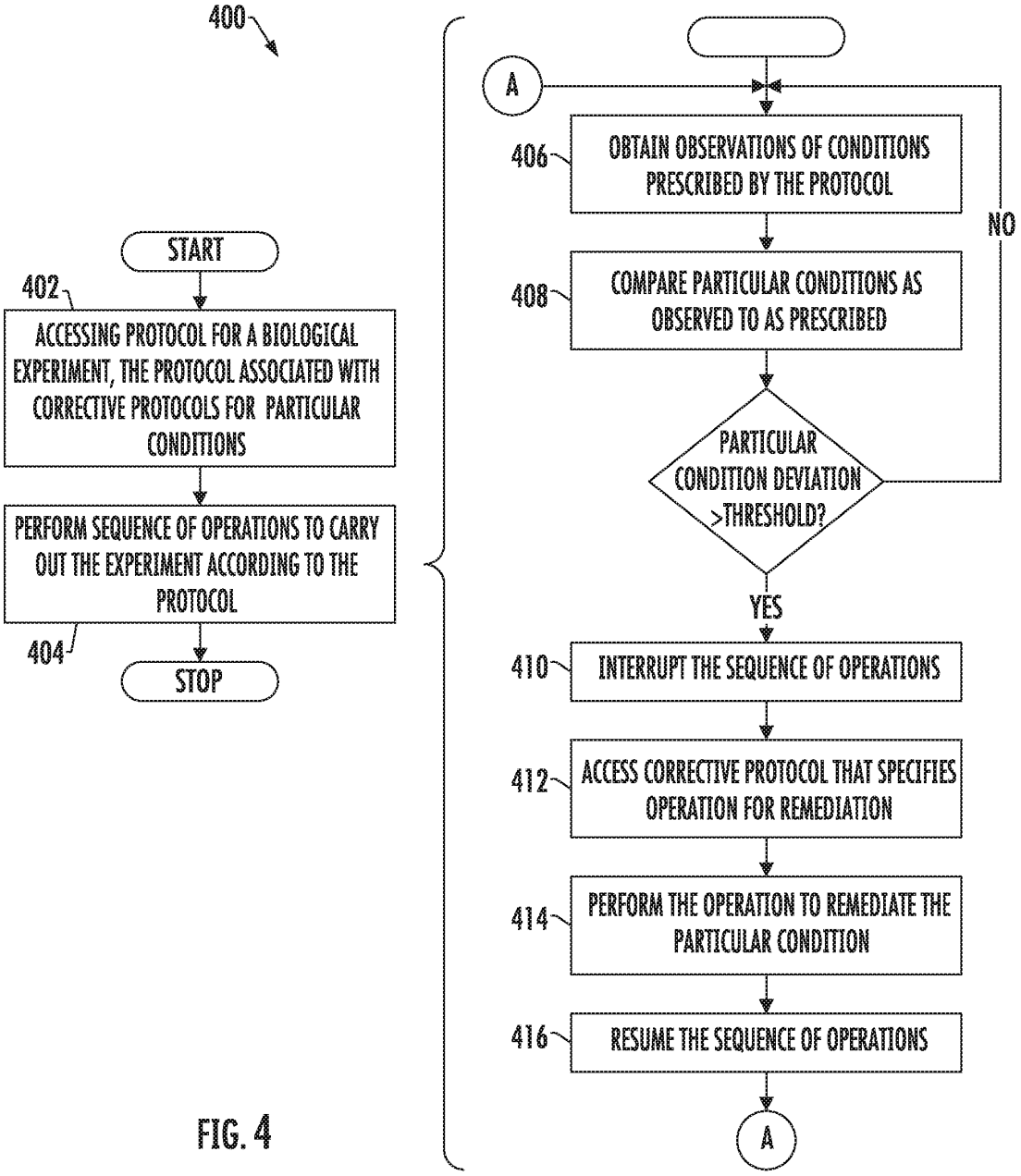

400
START
402
ACCESSING PROTOCOL FOR A BIOLOGICAL EXPERIMENT, THE PROTOCOL ASSOCIATED WITH CORRECTIVE PROTOCOLS FOR PARTICULAR CONDITIONS
PERFORM SEQUENCE OF OPERATIONS TO CARRY OUT THE EXPERIMENT ACCORDING TO THE PROTOCOL
404
STOP
A
406
OBTAIN OBSERVATIONS OF CONDITIONS PRESCRIBED BY THE PROTOCOL
408
COMPARE PARTICULAR CONDITIONS AS OBSERVED TO AS PRESCRIBED
PARTICULAR CONDITION DEVIATION >THRESHOLD?
NO
YES
410
INTERRUPT THE SEQUENCE OF OPERATIONS
412
ACCESS CORRECTIVE PROTOCOL THAT SPECIFIES OPERATION FOR REMEDIATION
414
PERFORM THE OPERATION TO REMEDIATE THE PARTICULAR CONDITION
416
RESUME THE SEQUENCE OF OPERATIONS
A

FIG. 4