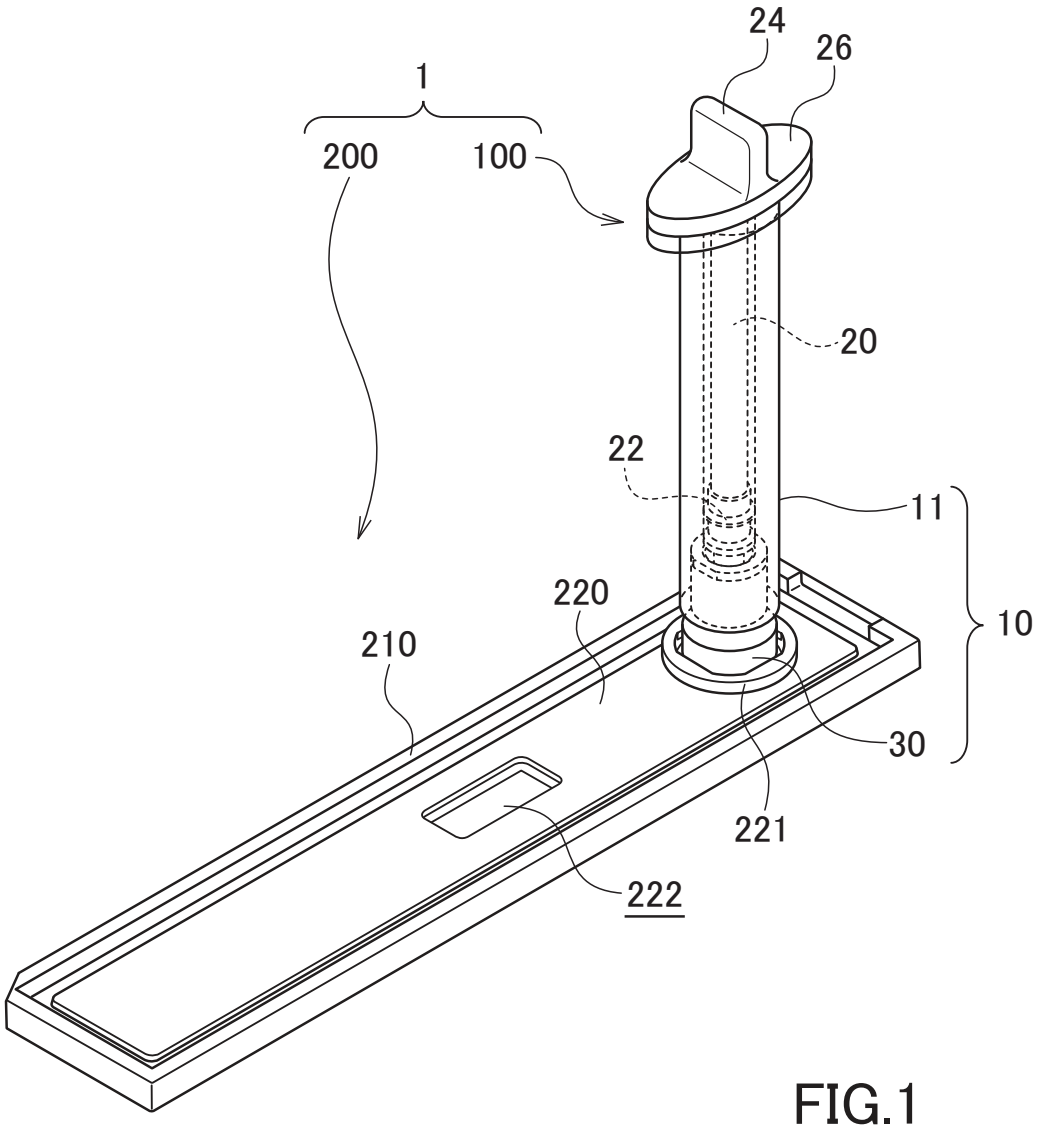



FIG.1

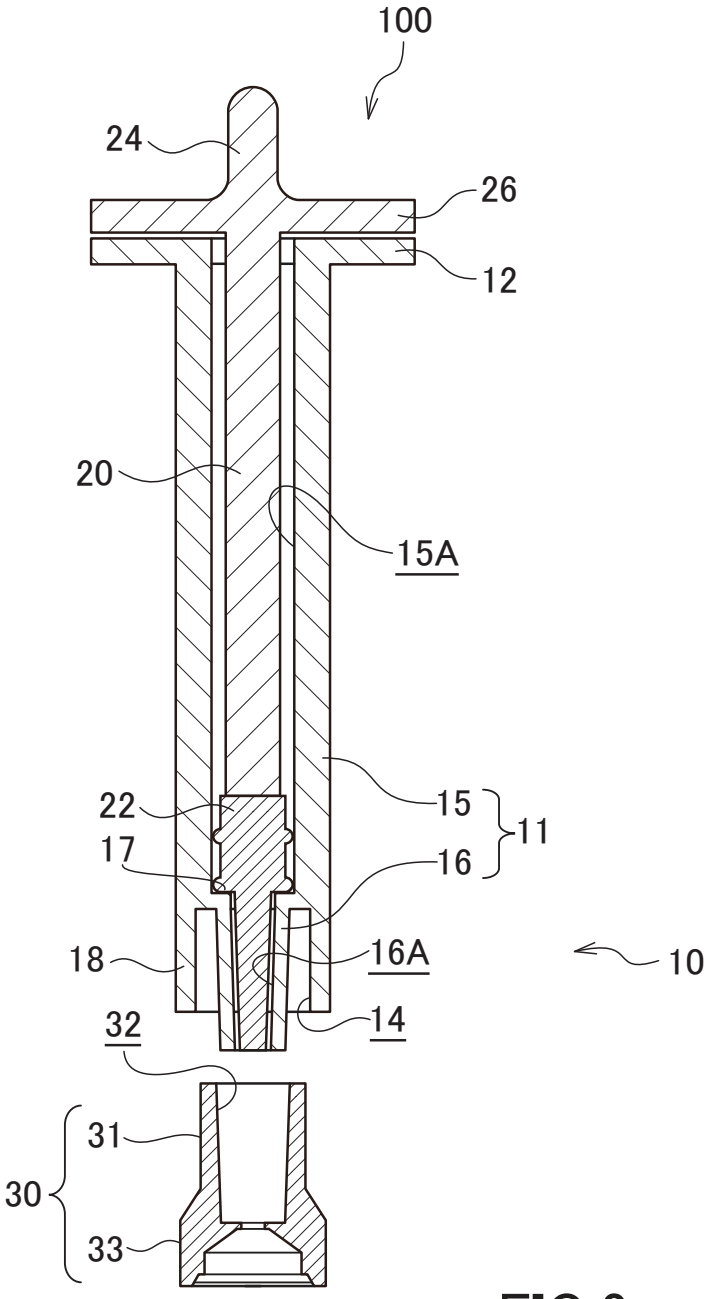



FIG.2

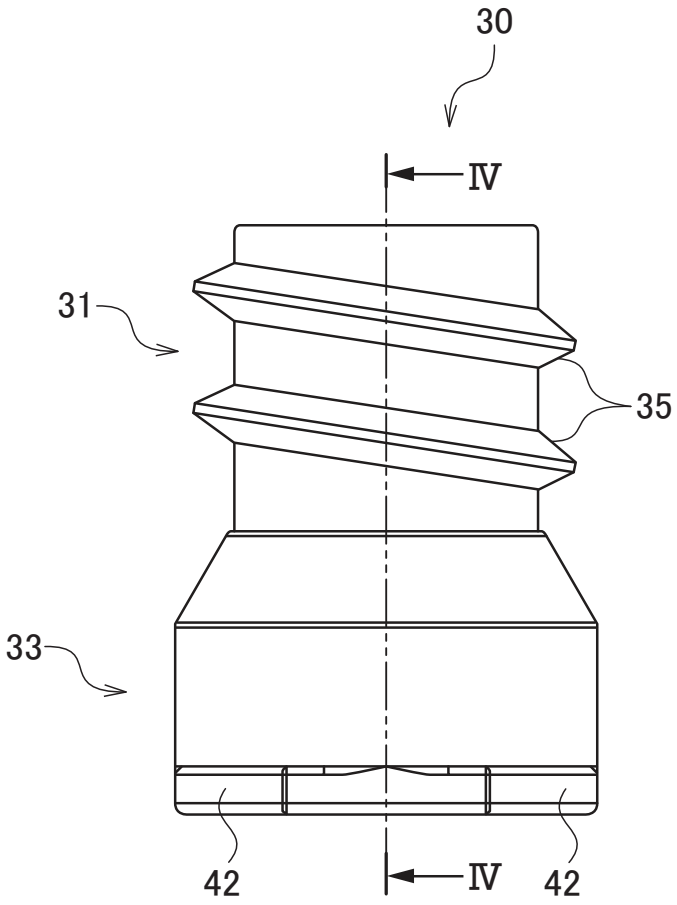



FIG.3

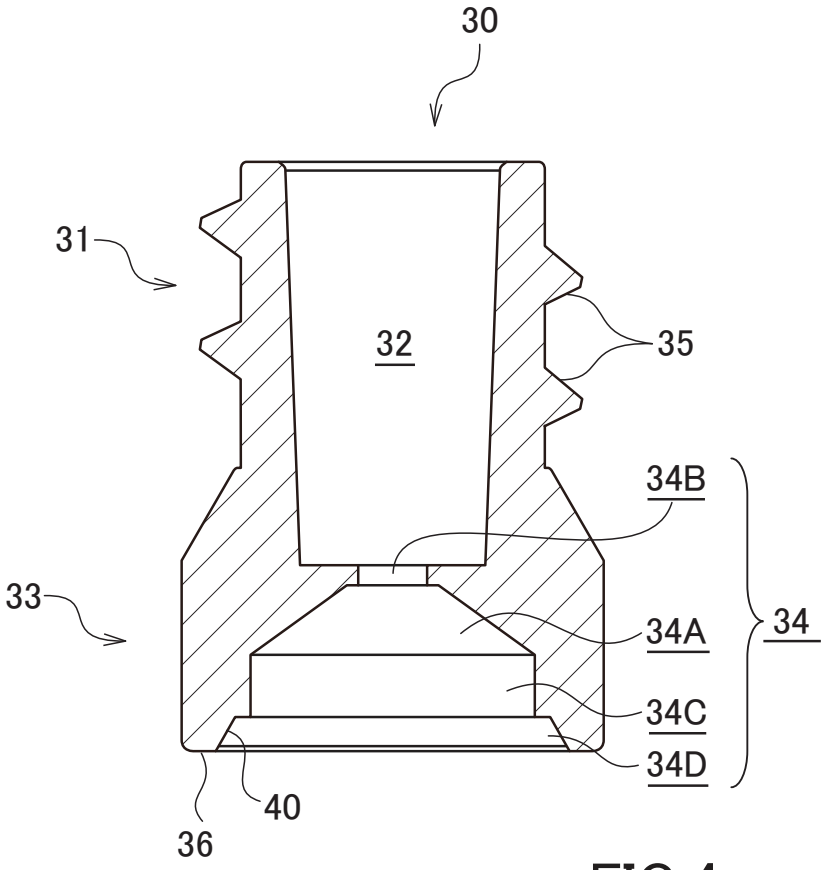



FIG.4

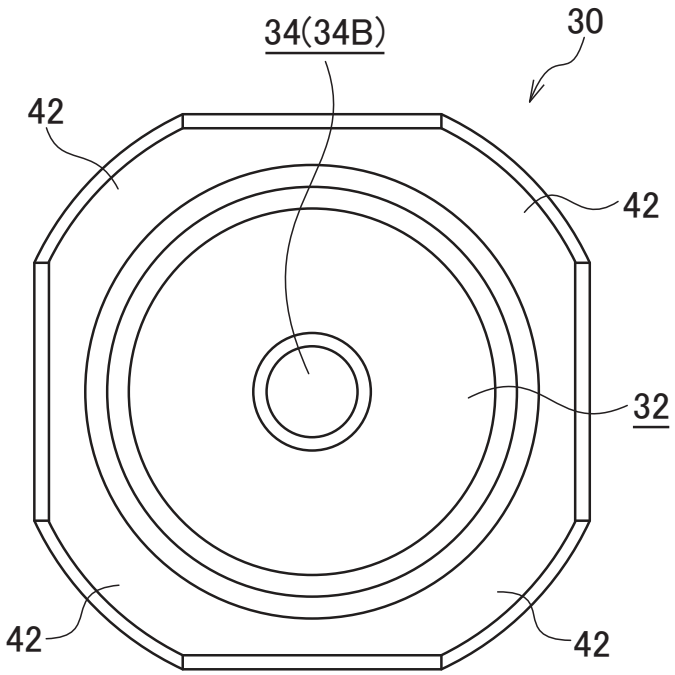



FIG.5

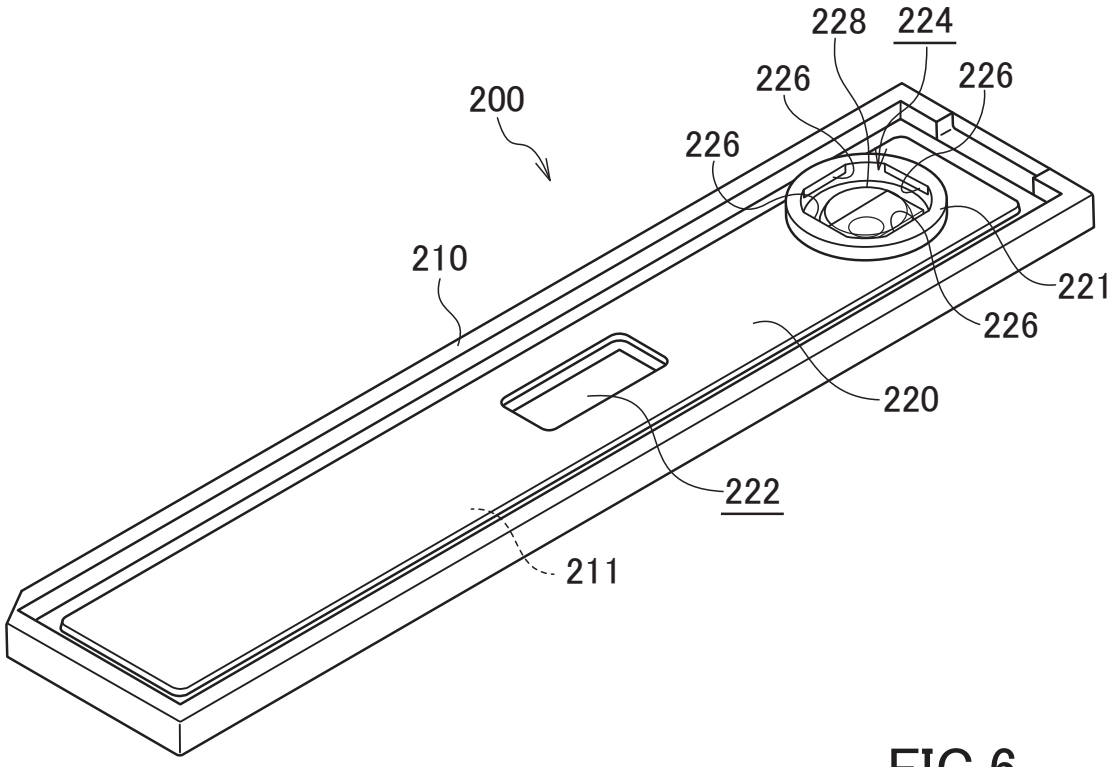



FIG.6

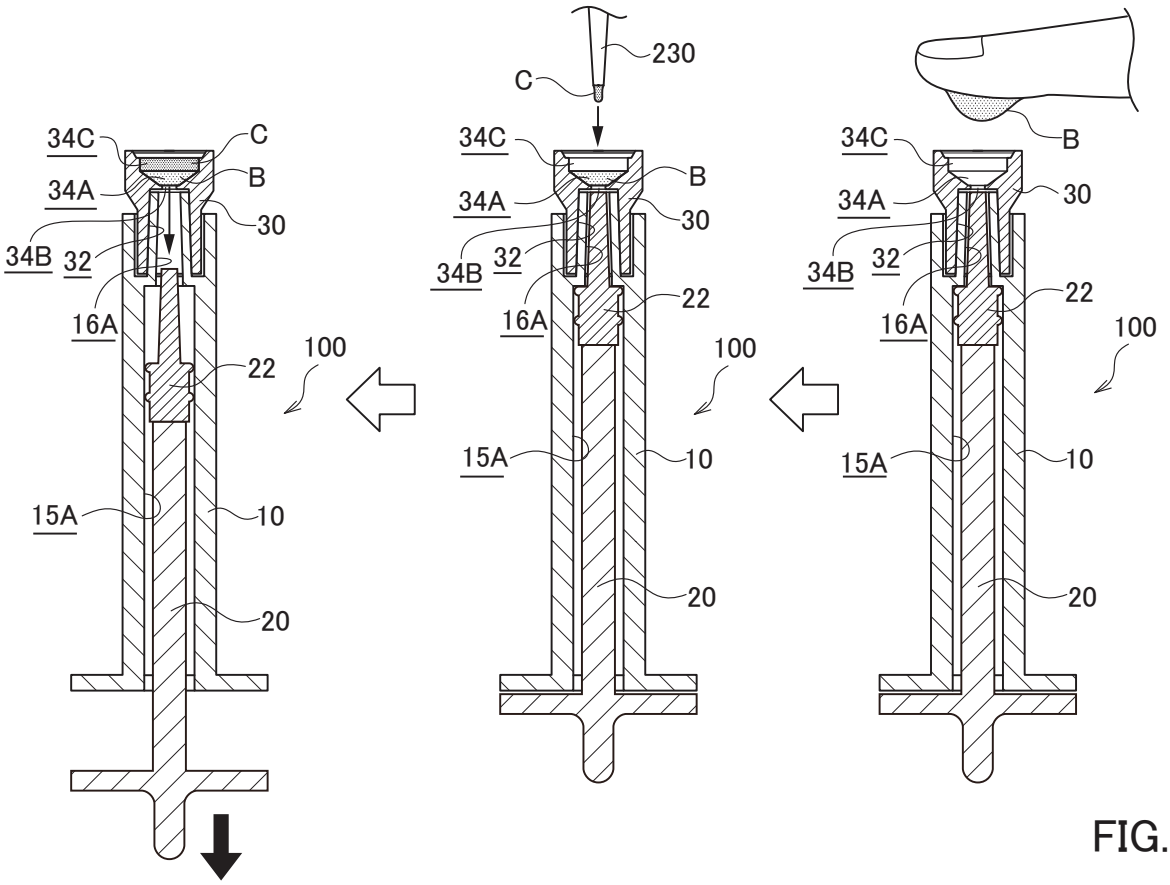



FIG.7

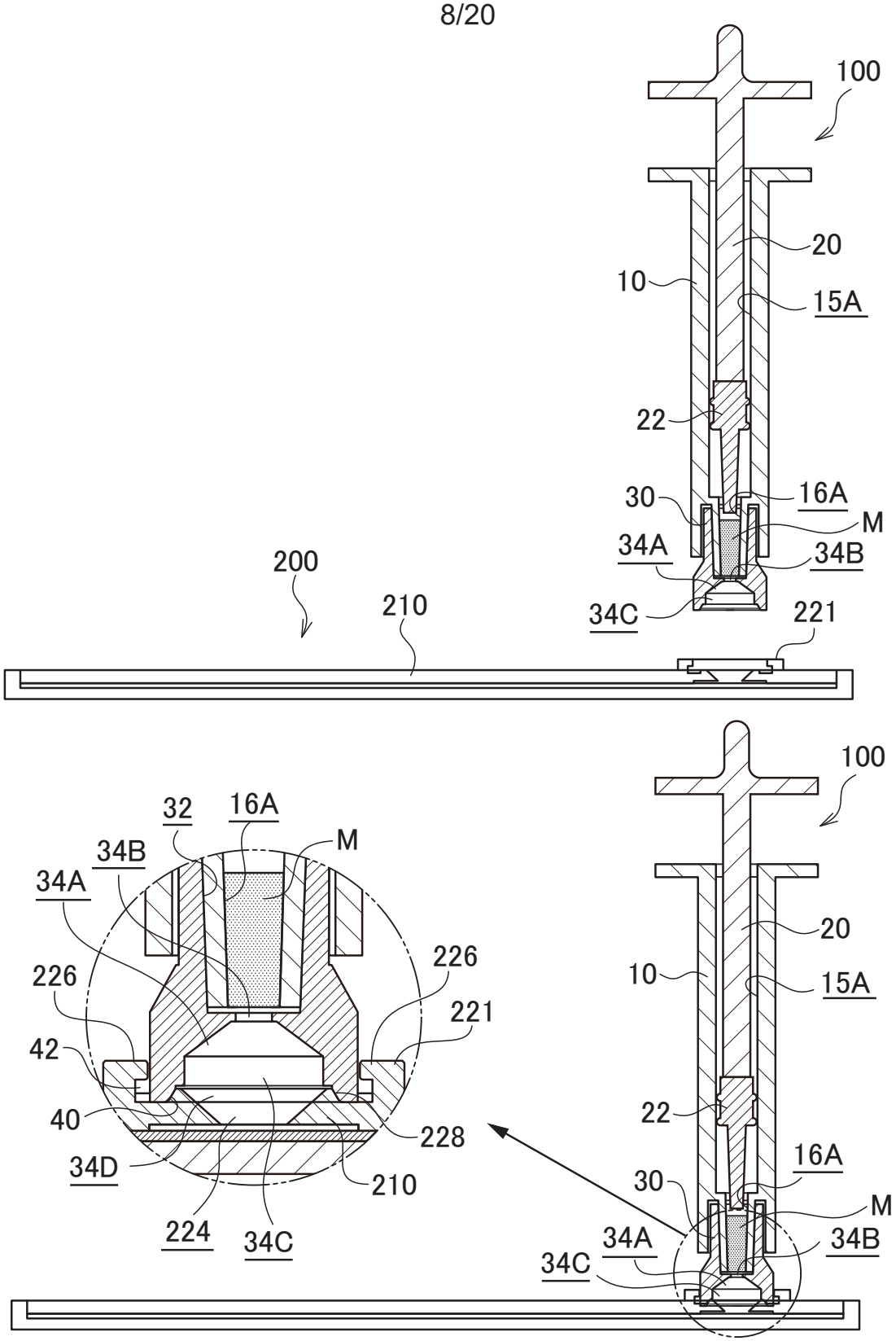

100
20
10
15A
22
30
16A
M
34A
34B
34C
221
200
210
32
226
42
40
34D
224
228

FIG.8

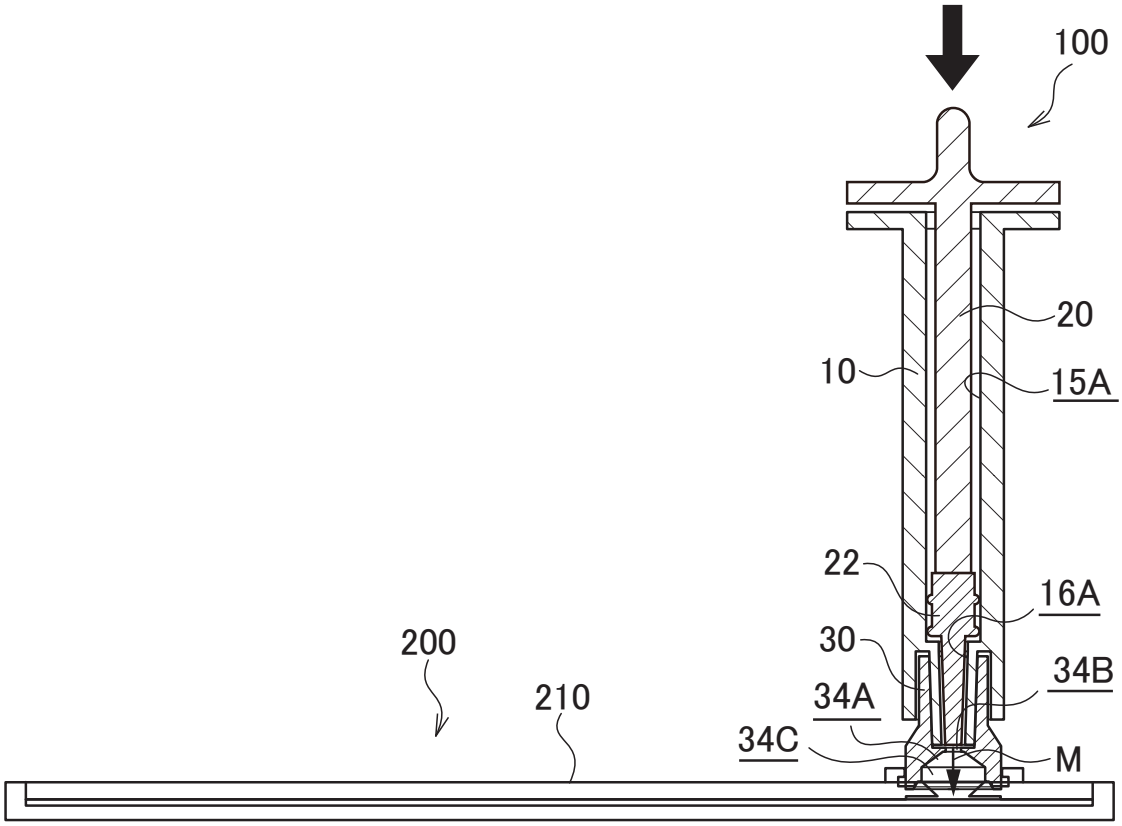



FIG.9

FIG.10

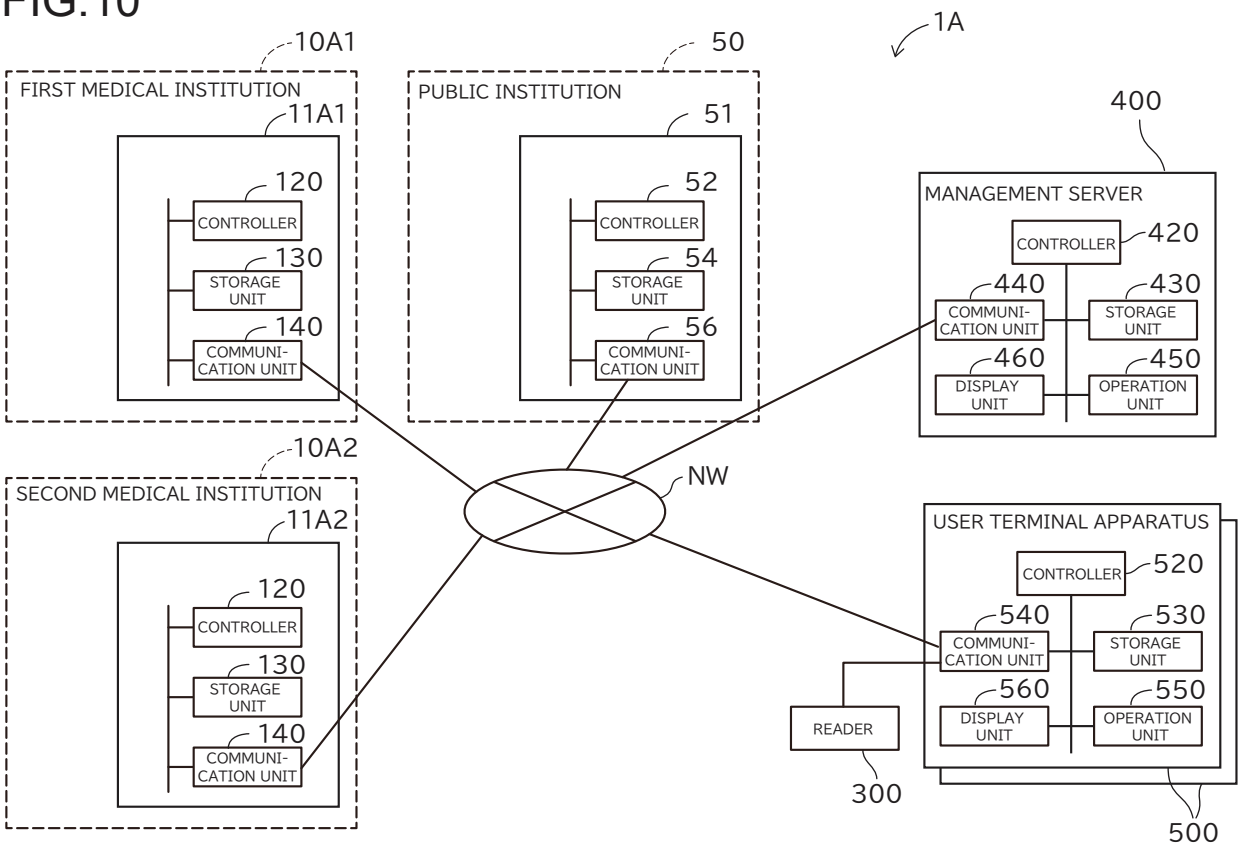

1A
10A1
FIRST MEDICAL INSTITUTION
11A1
120
CONTROLLER
130
STORAGE UNIT
140
COMMUNI-CATION UNIT
50
PUBLIC INSTITUTION
51
52
CONTROLLER
54
STORAGE UNIT
56
COMMUNI-CATION UNIT
400
MANAGEMENT SERVER
CONTROLLER
420
440
COMMUNI-CATION UNIT
430
STORAGE UNIT
460
DISPLAY UNIT
450
OPERATION UNIT
10A2
SECOND MEDICAL INSTITUTION
11A2
120
CONTROLLER
130
STORAGE UNIT
140
COMMUNI-CATION UNIT
NW
USER TERMINAL APPARATUS
CONTROLLER
520
540
COMMUNI-CATION UNIT
530
STORAGE UNIT
560
DISPLAY UNIT
550
OPERATION UNIT
READER
300
500

FIG.11

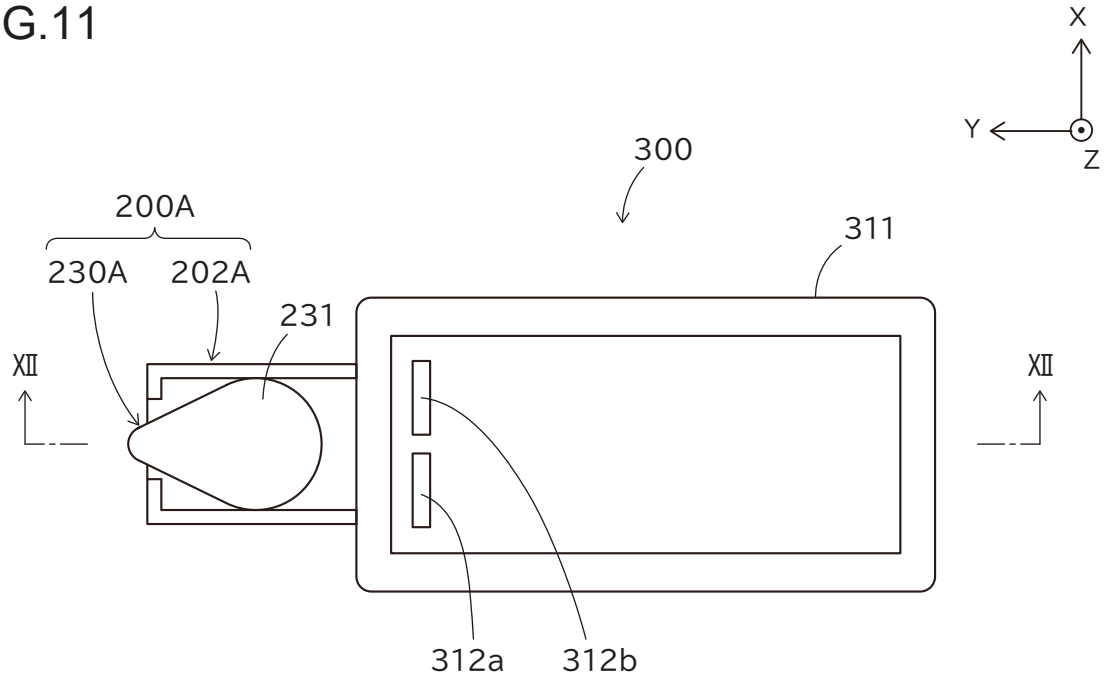


FIG.12

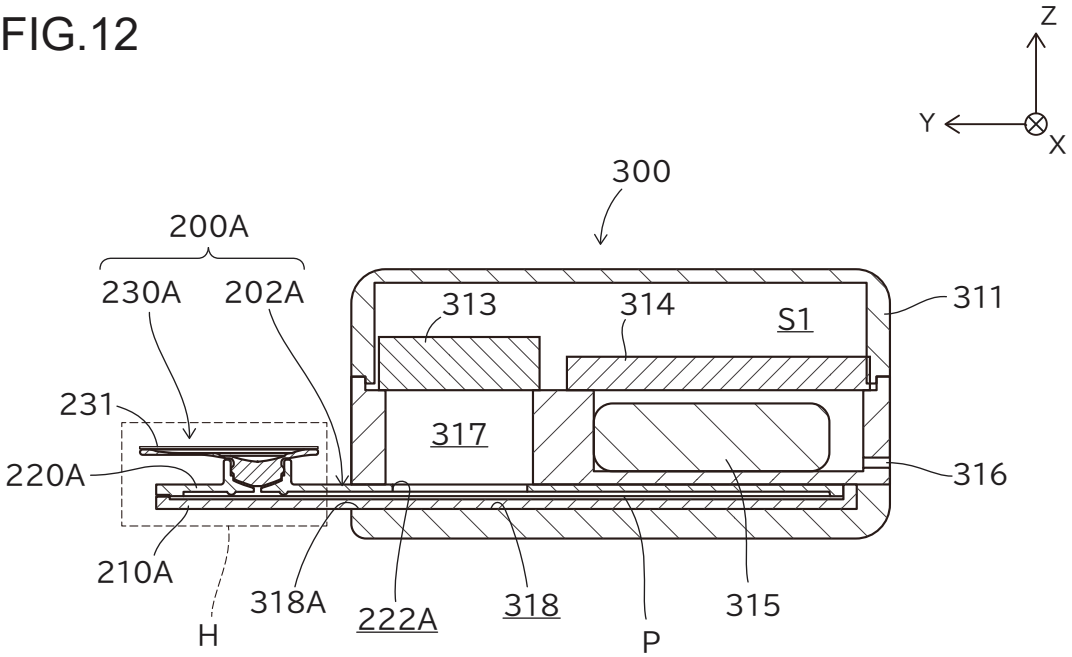

Z
Y
X
300
200A
230A
202A
313
314
S1
311
231
317
220A
316
210A
H
318A
222A
318
P
315

FIG.13

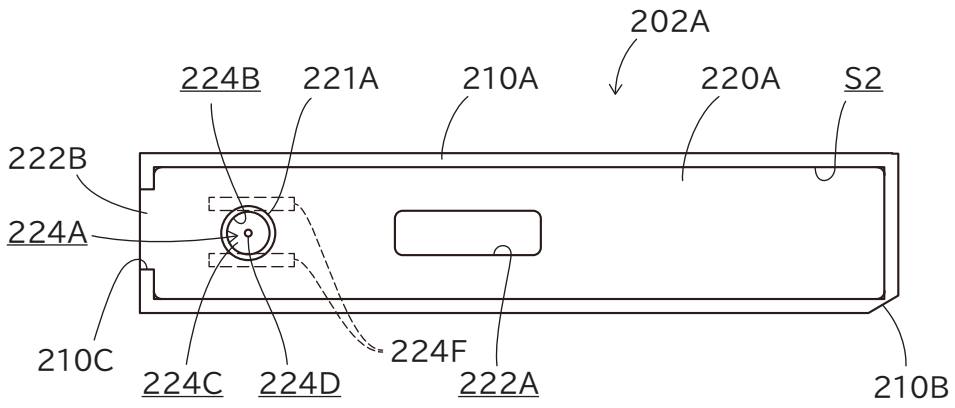

X
Y
Z
202A
224B
221A
210A
220A
S2
222B
224A
210C
224C
224D
224F
222A
210B

FIG.14

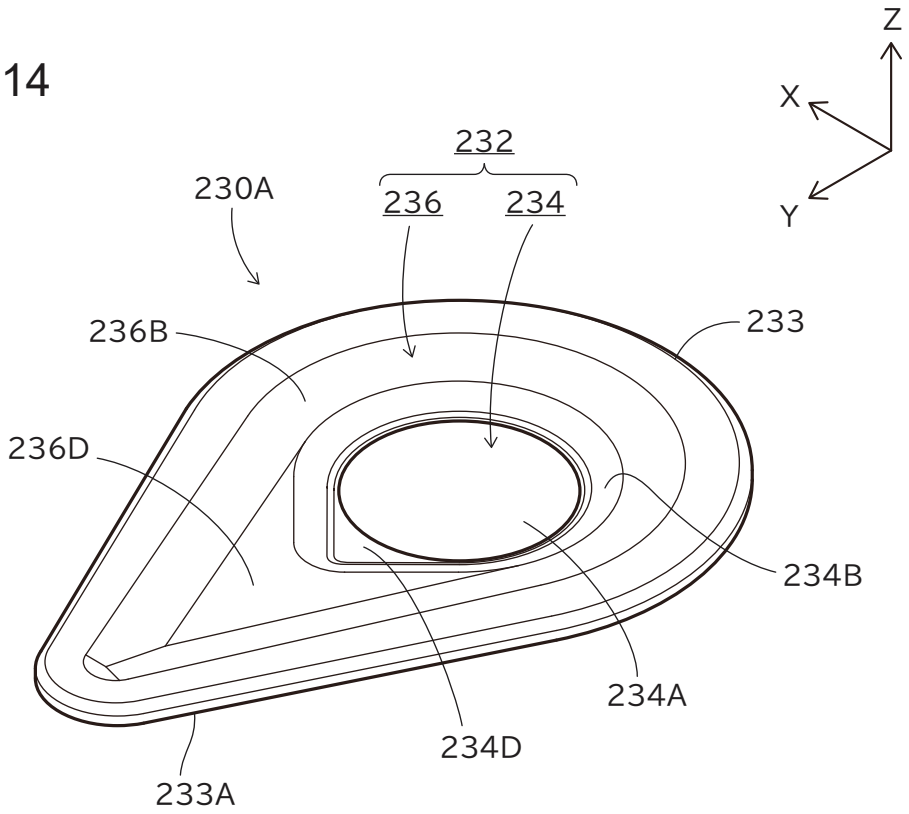


FIG.15

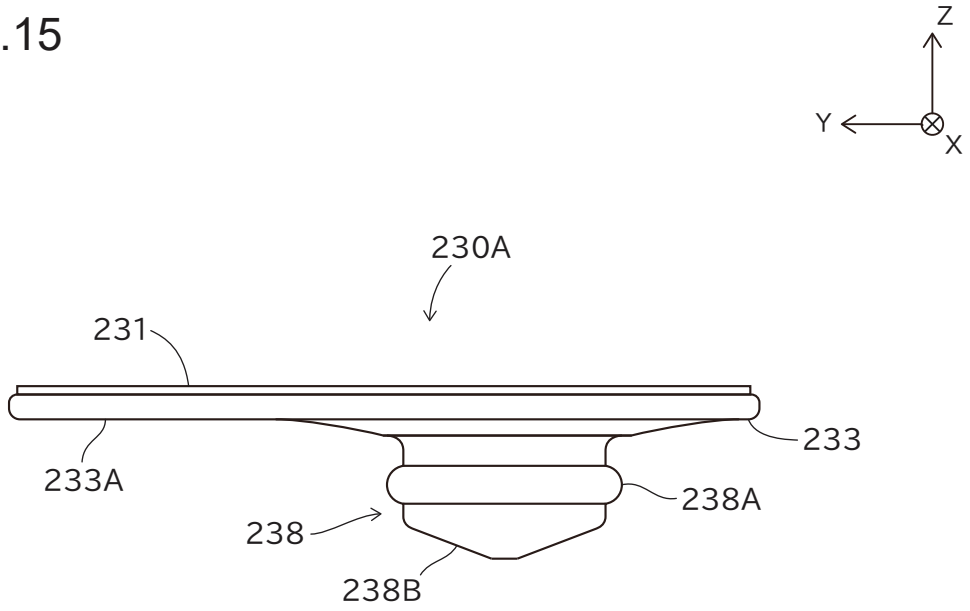


FIG.16

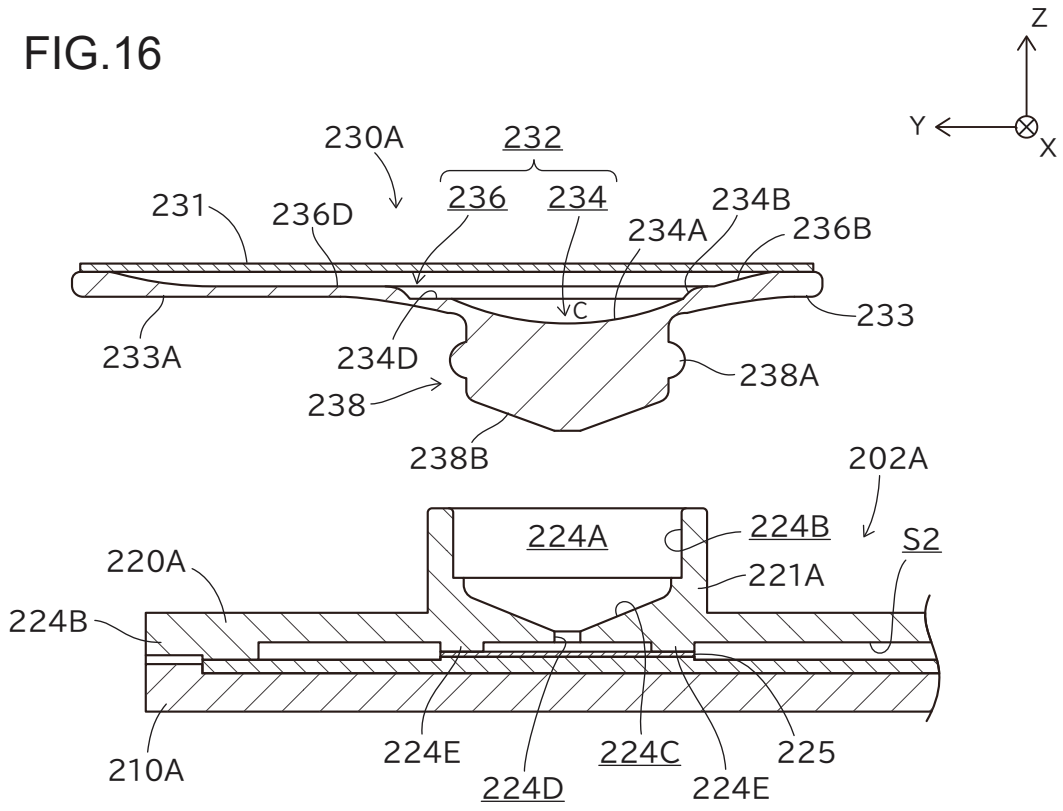

Z
Y
X
230A
232
236
234
231
236D
234B
234A
236B
C
233
233A
234D
238A
238
238B
202A
224A
224B
S2
220A
221A
224B
210A
224E
224D
224C
224E
225

FIG.17

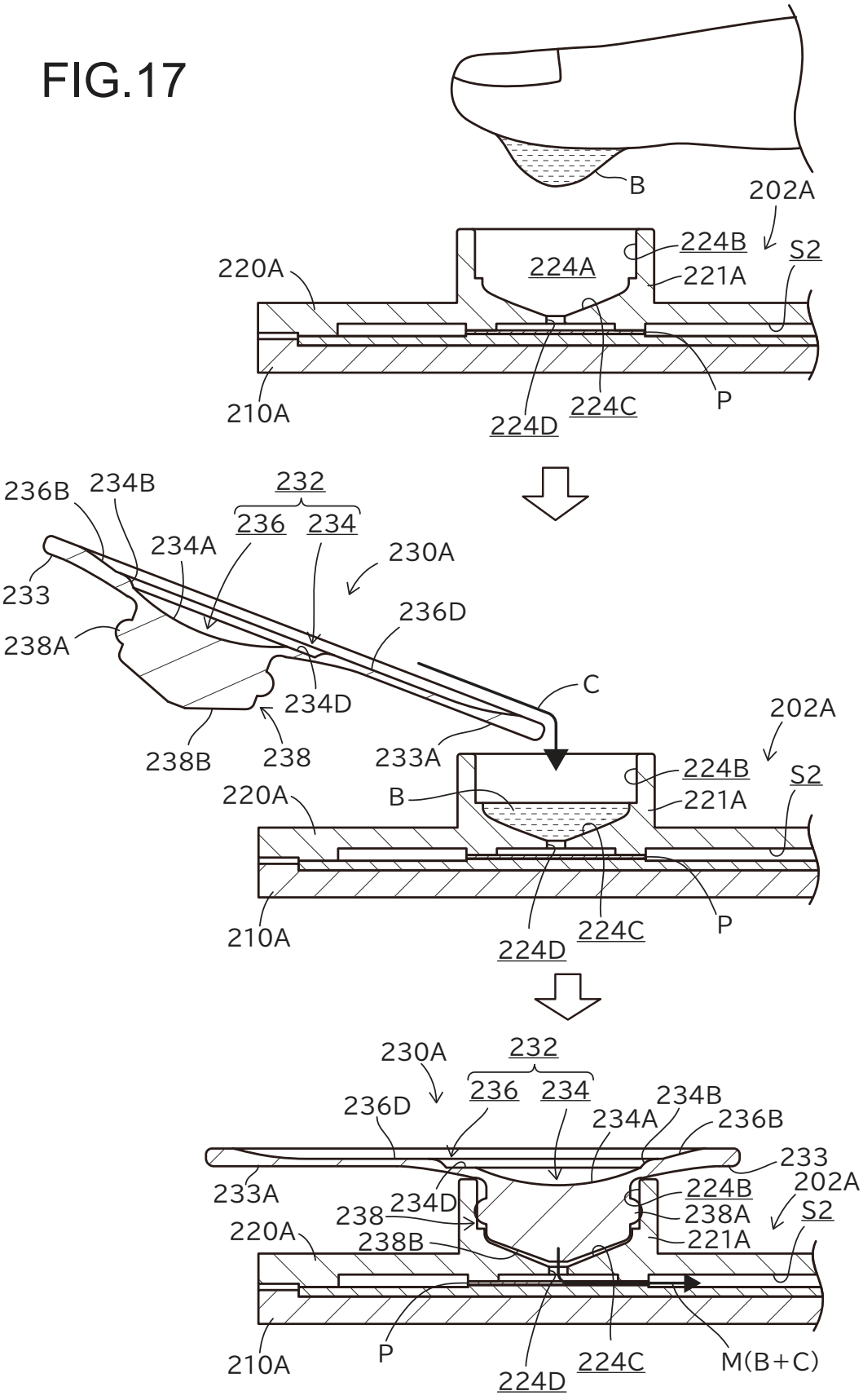

B
202A
224B
S2
220A
224A
221A
210A
224D
224C
P
236B
234B
232
236
234
234A
230A
233
236D
238A
234D
C
238B
238
233A
202A
224B
S2
220A
B
221A
210A
224D
224C
P
230A
232
236
234
236D
234B
234A
236B
233
233A
234D
224B
202A
238
238A
S2
220A
238B
221A
P
210A
224D
224C
M(B+C)

FIG.18

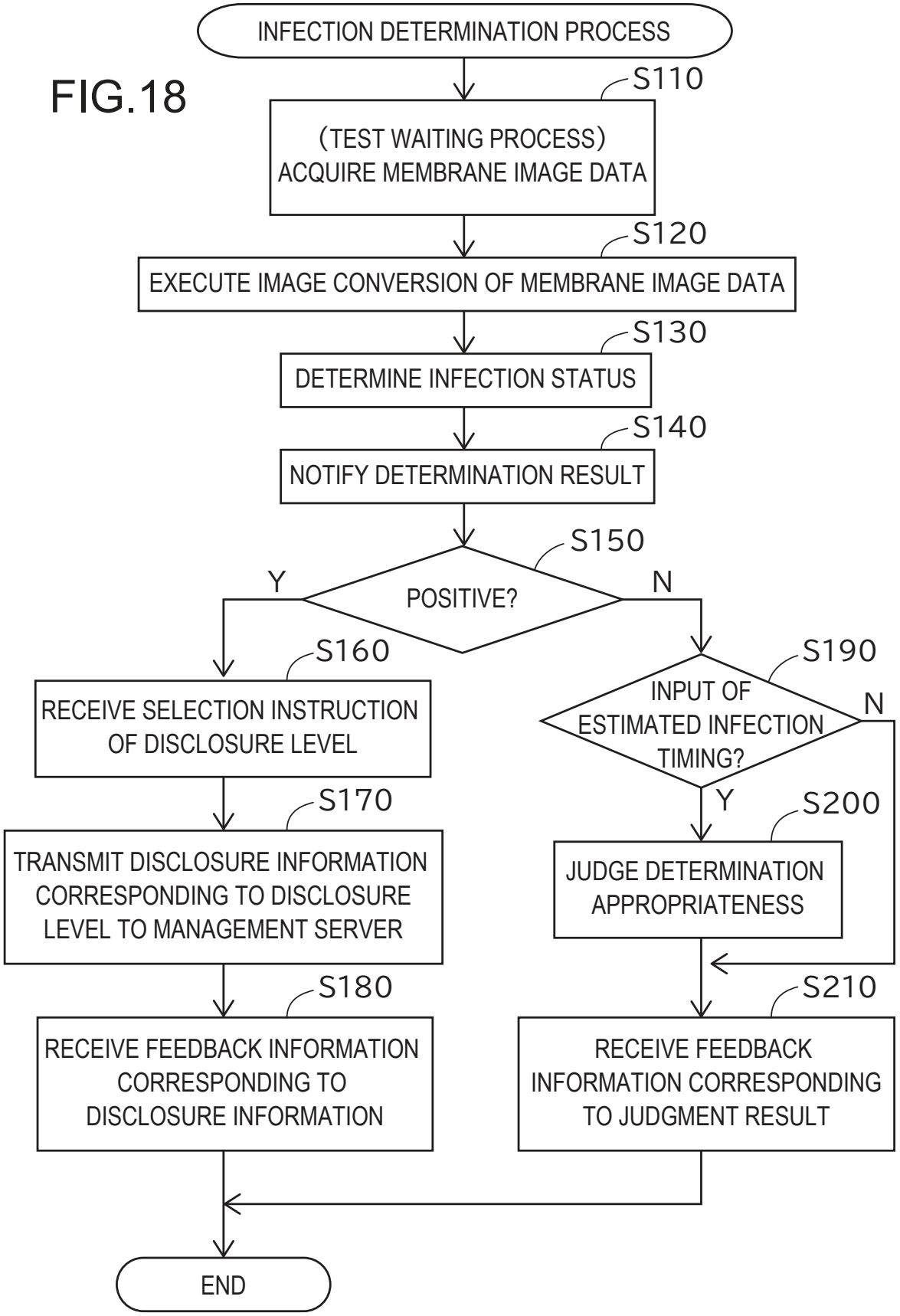

INFECTION DETERMINATION PROCESS
S110
(TEST WAITING PROCESS)
ACQUIRE MEMBRANE IMAGE DATA
S120
EXECUTE IMAGE CONVERSION OF MEMBRANE IMAGE DATA
S130
DETERMINE INFECTION STATUS
S140
NOTIFY DETERMINATION RESULT
S150
POSITIVE?
Y
N
S160
RECEIVE SELECTION INSTRUCTION OF DISCLOSURE LEVEL
S170
TRANSMIT DISCLOSURE INFORMATION CORRESPONDING TO DISCLOSURE LEVEL TO MANAGEMENT SERVER
S180
RECEIVE FEEDBACK INFORMATION CORRESPONDING TO DISCLOSURE INFORMATION
S190
INPUT OF ESTIMATED INFECTION TIMING?
N
Y
S200
JUDGE DETERMINATION APPROPRIATENESS
S210
RECEIVE FEEDBACK INFORMATION CORRESPONDING TO JUDGMENT RESULT
END

FIG.19

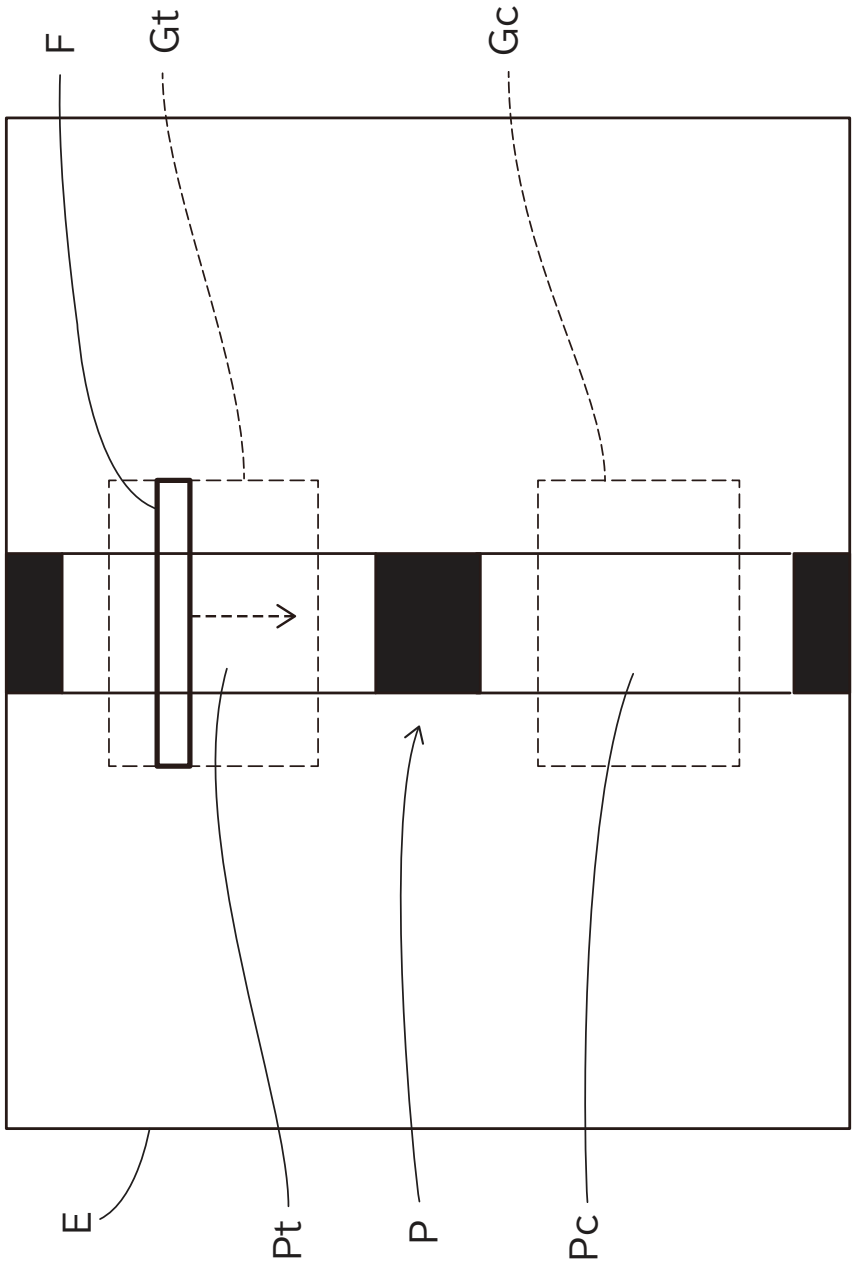
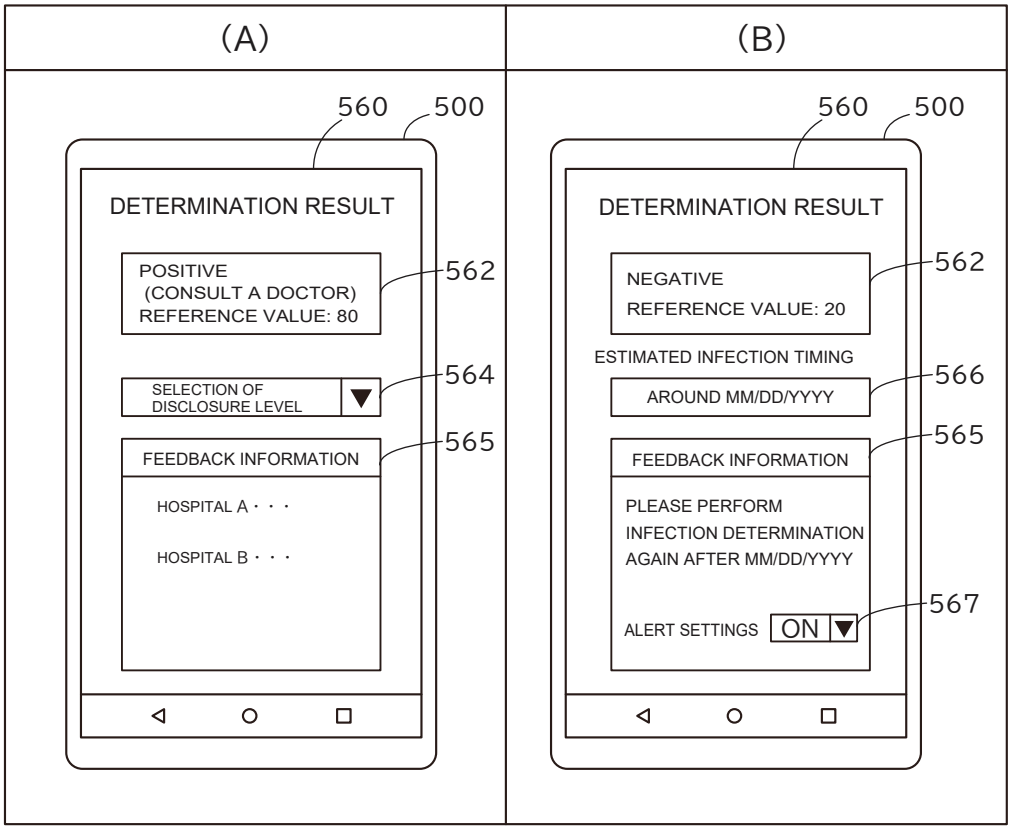


FIG.20


(A)
(B)
560
500
DETERMINATION RESULT
POSITIVE
(CONSULT A DOCTOR)
REFERENCE VALUE: 80
562
SELECTION OF
DISCLOSURE LEVEL
564
FEEDBACK INFORMATION
565
HOSPITAL A・・・
HOSPITAL B・・・
NEGATIVE
REFERENCE VALUE: 20
ESTIMATED INFECTION TIMING
AROUND MM/DD/YYYY
566
PLEASE PERFORM
INFECTION DETERMINATION
AGAIN AFTER MM/DD/YYYY
ALERT SETTINGS
ON
567