WO 2018/016467 PCT/JP2017/025889

[Fig. 1]

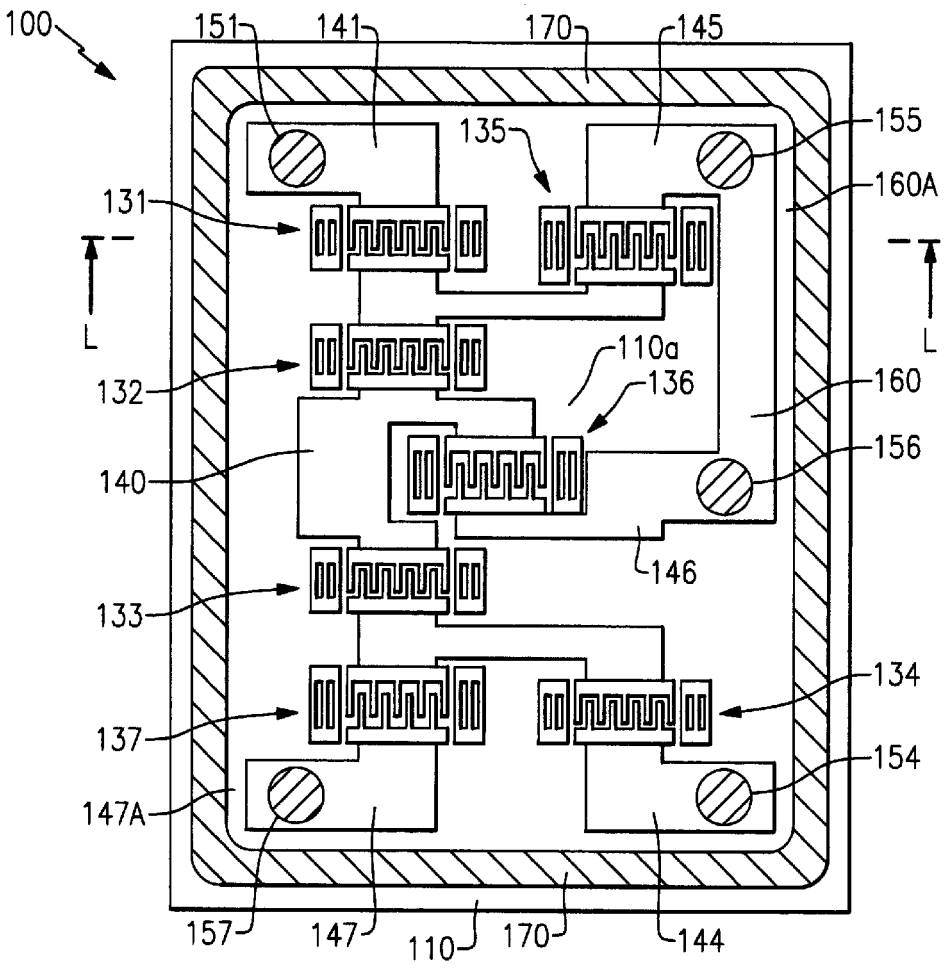

FIG. 1A
(RELATED ART)

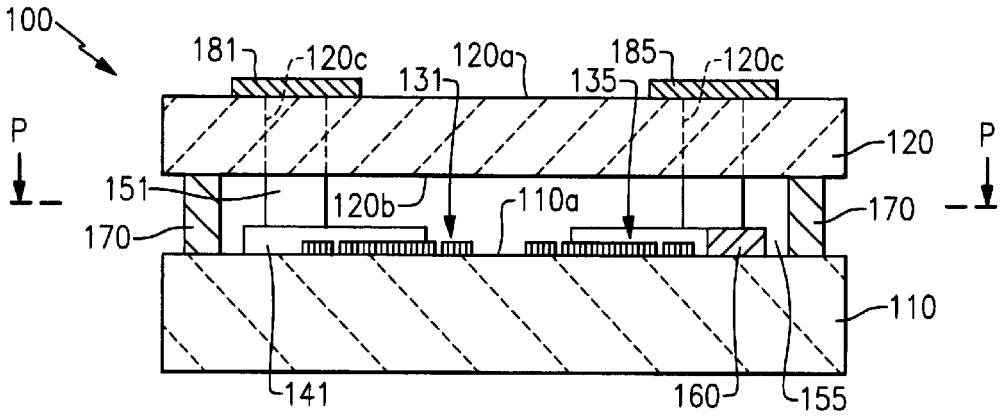

FIG. 1B
(RELATED ART)

[Fig. 2]

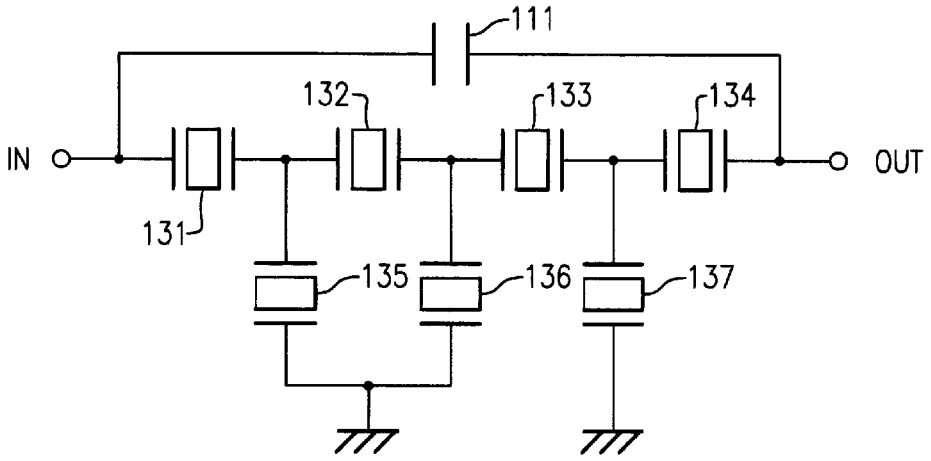

FIG.2
(RELATED ART)

[Fig. 3]

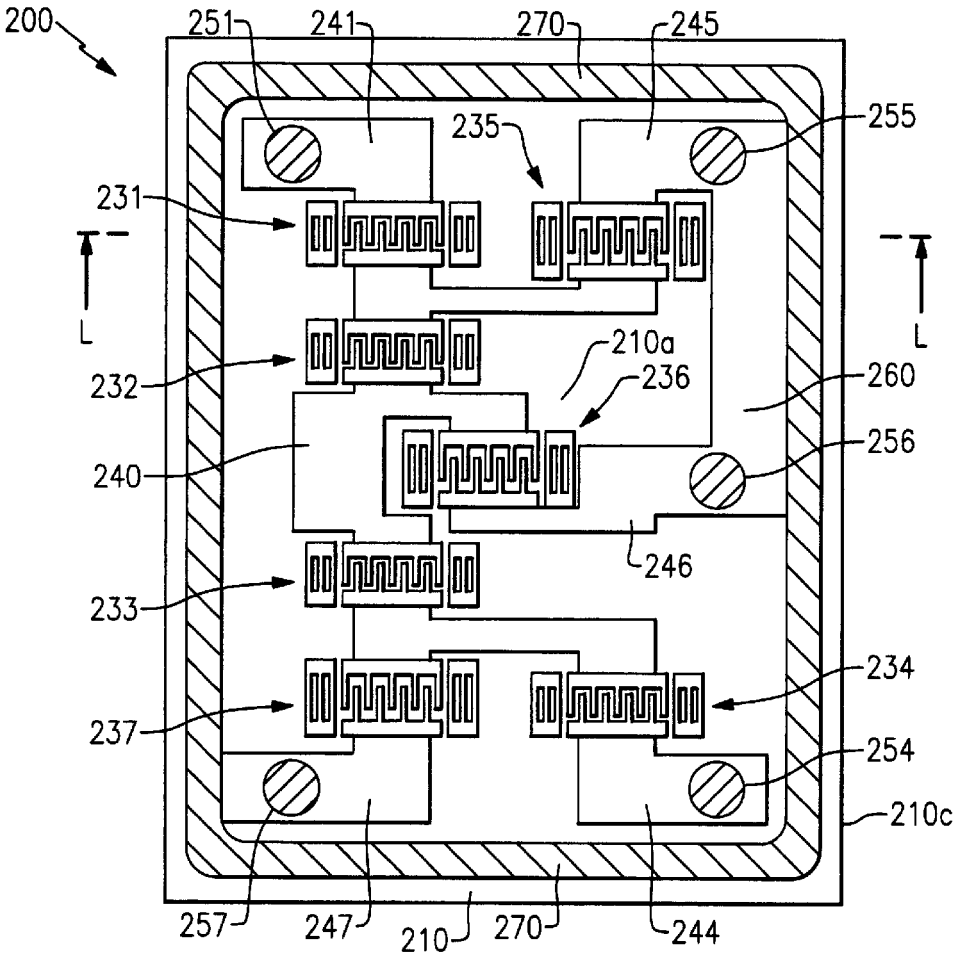

FIG.3A

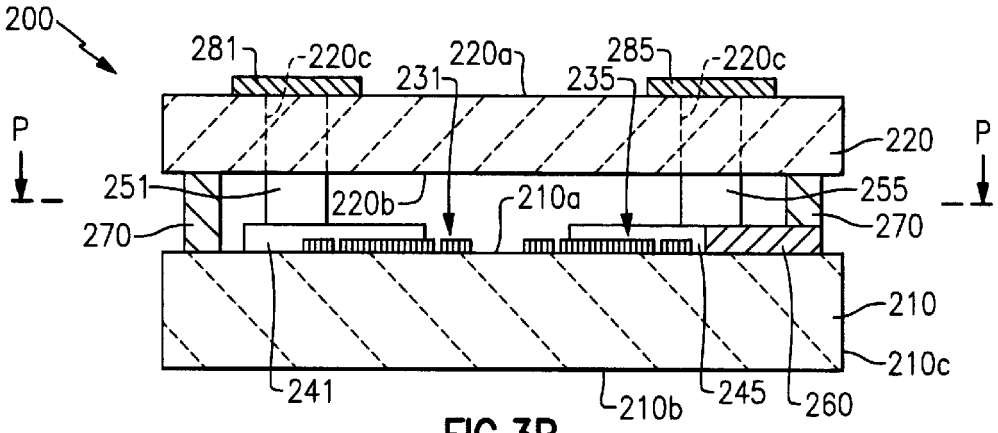

FIG.3B

[Fig. 4]

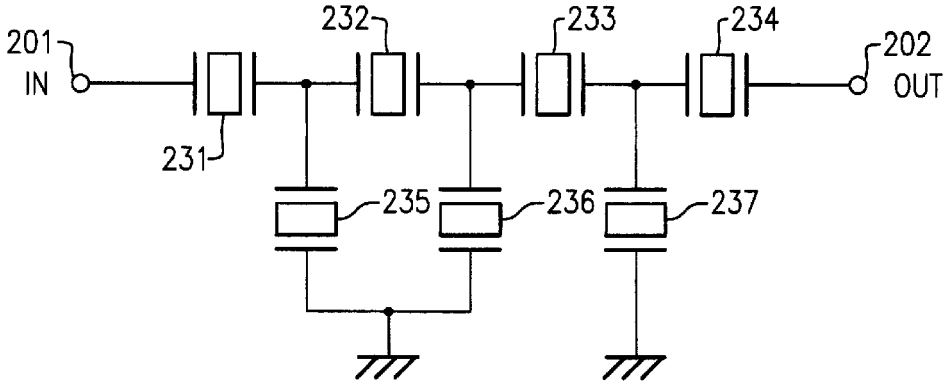

FIG.4

[Fig. 5]

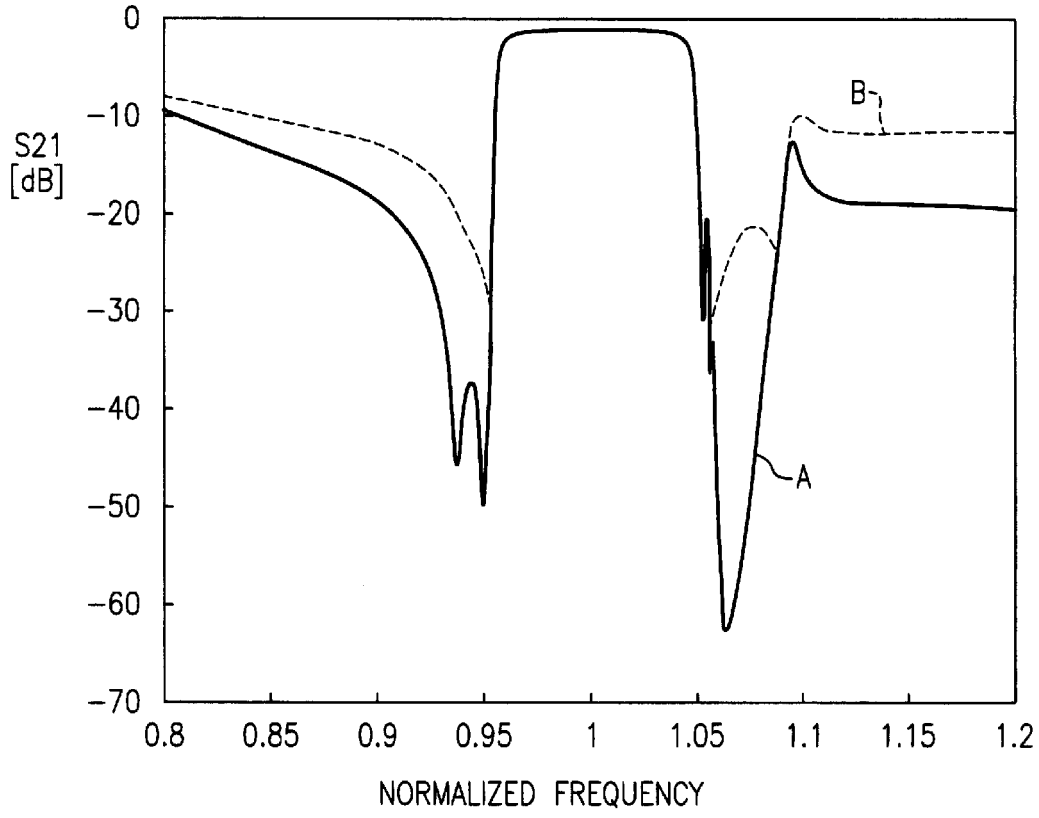

FIG.5

[Fig. 6]

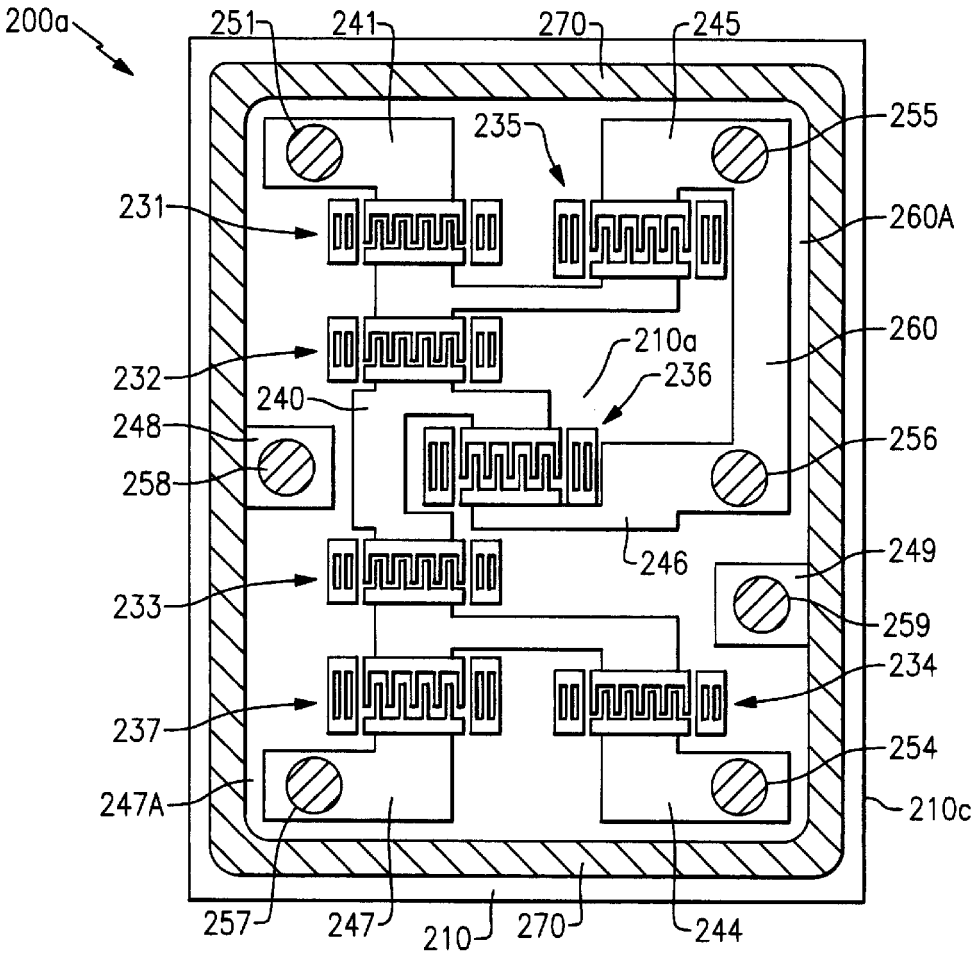
200a
251
241
270
245
255
235
231
260A
232
210a
236
260
240
248
256
258
246
249
233
259
234
237
254
247A
210c
257
247
210
270
244

FIG.6

[Fig. 7]

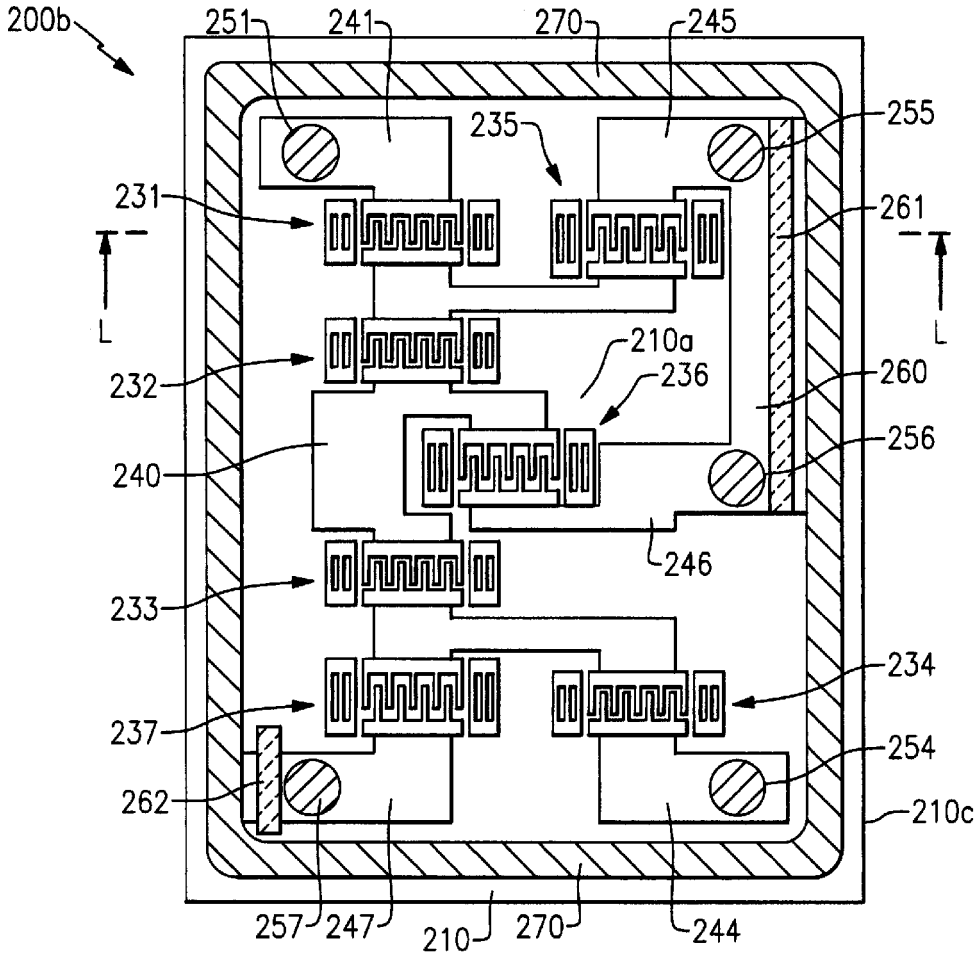

FIG.7A

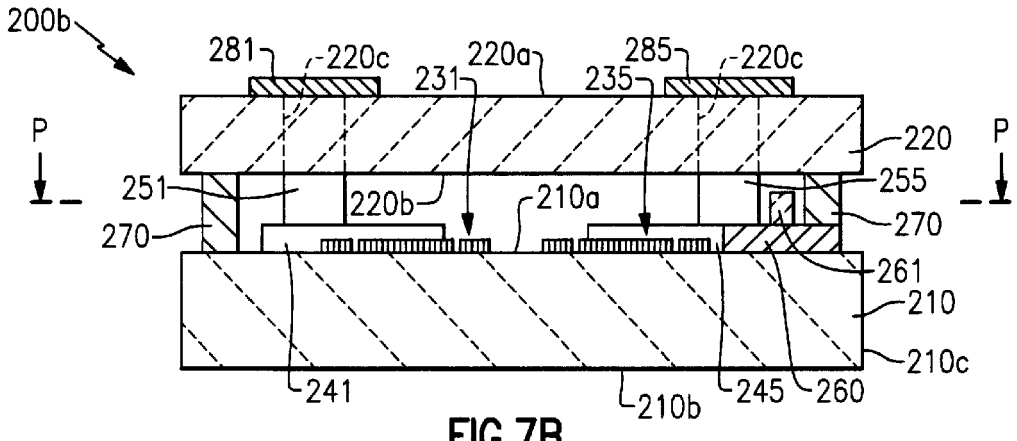

FIG.7B

[Fig. 8]

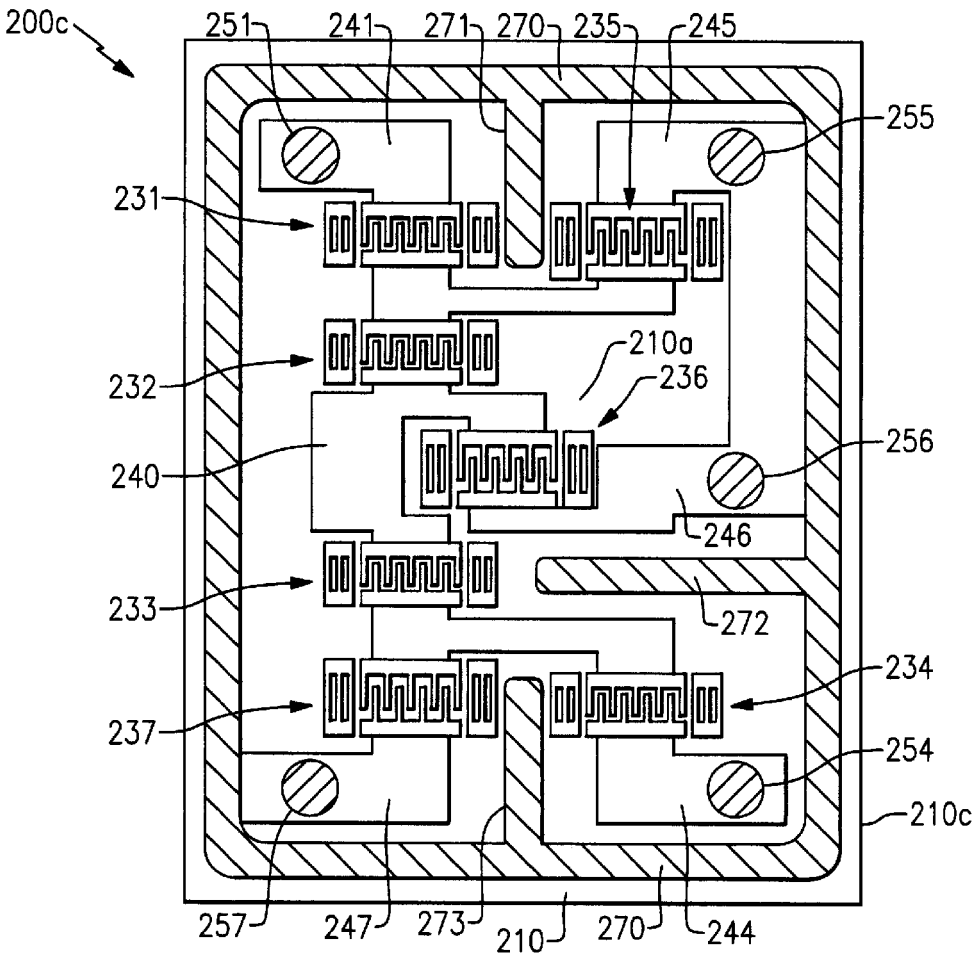
200c
251
241
271
270
235
245
255
231
232
210a
236
240
256
246
233
272
234
237
254
210c
257
247
273
210
270
244

FIG.8

[Fig. 9]

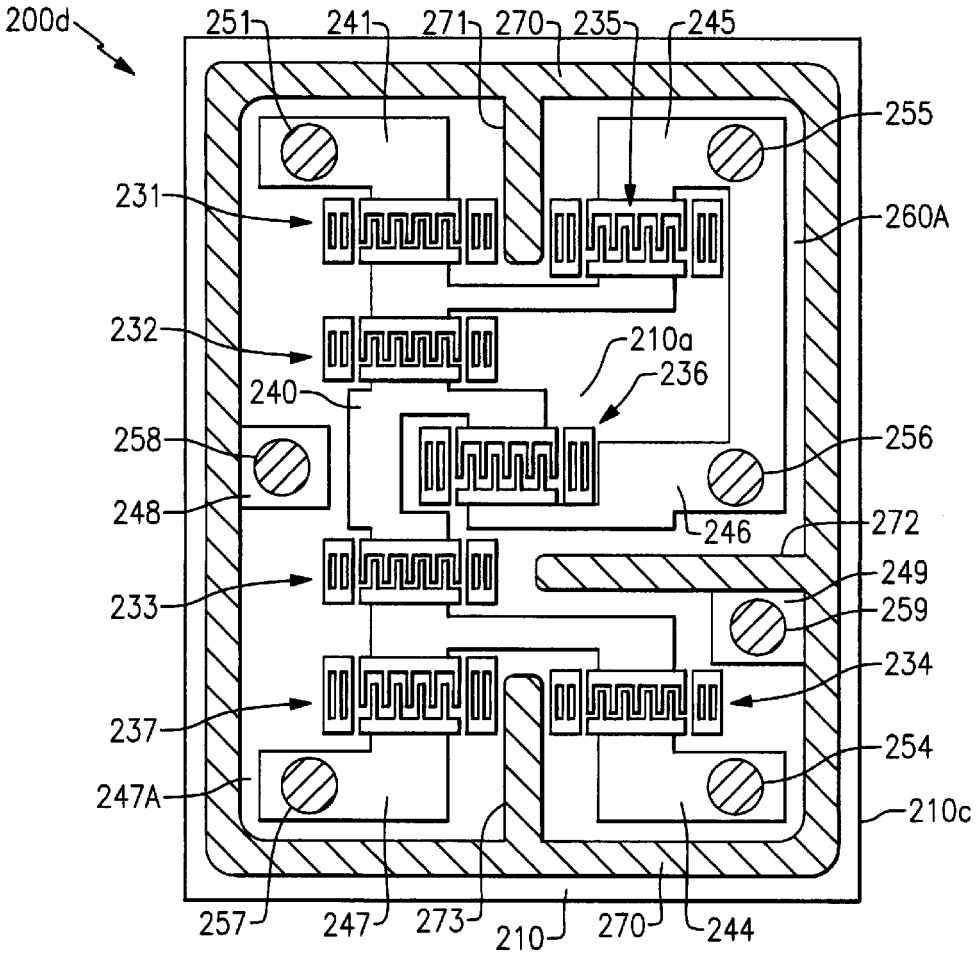
200d
251
241
271
270
235
245
255
231
260A
232
210a
236
240
258
256
248
246
272
249
233
259
234
237
254
247A
210c
257
247
273
210
270
244

FIG.9

[Fig. 10]

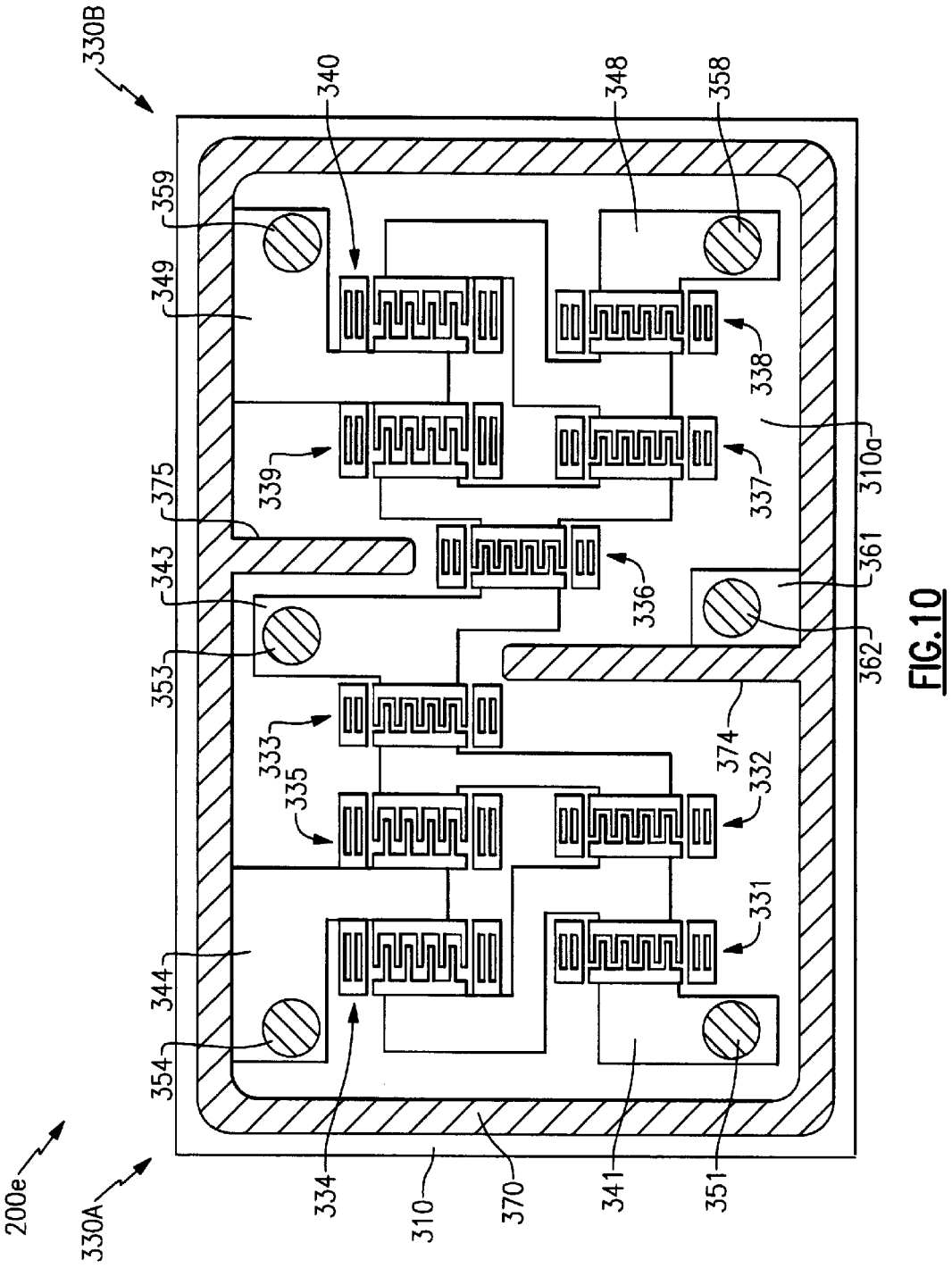
330B
340
348
358
359
349
338
339
337
310a
375
343
336
361
353
362
374
333
335
332
331
344
354
200e
330A
334
310
370
341
351

FIG.10

[Fig. 11A]

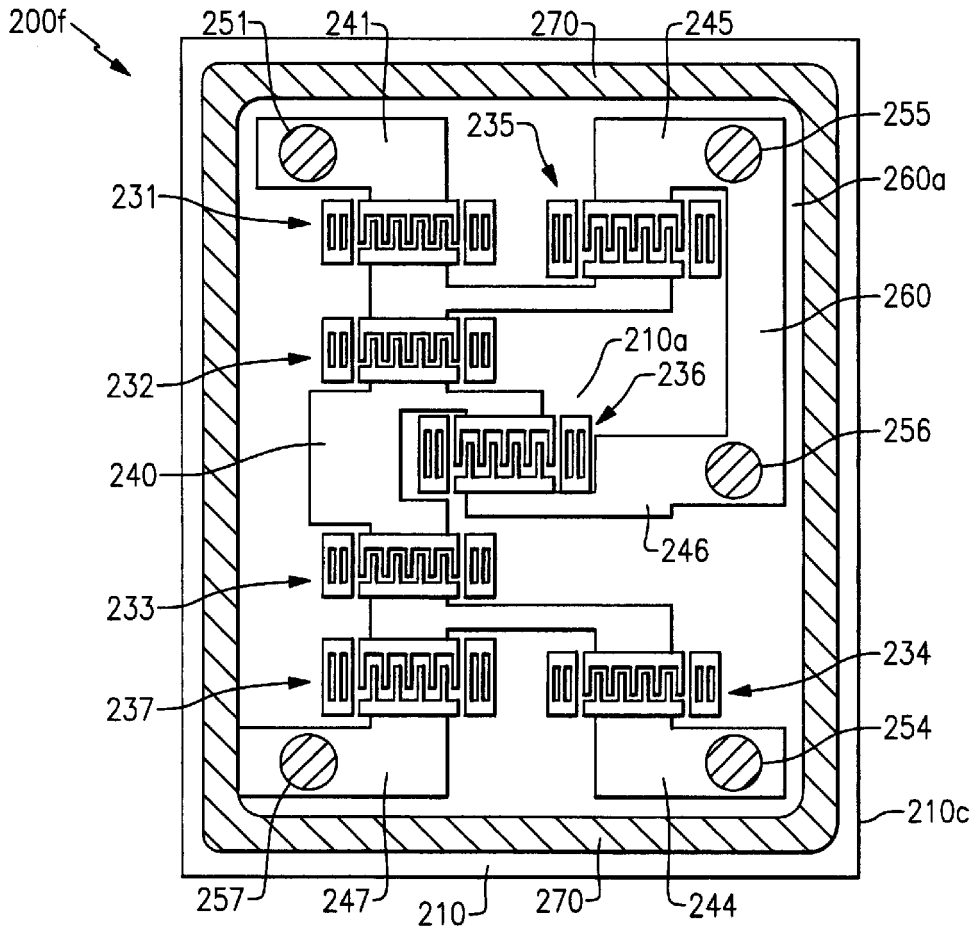

FIG.11A

[Fig. 11B]

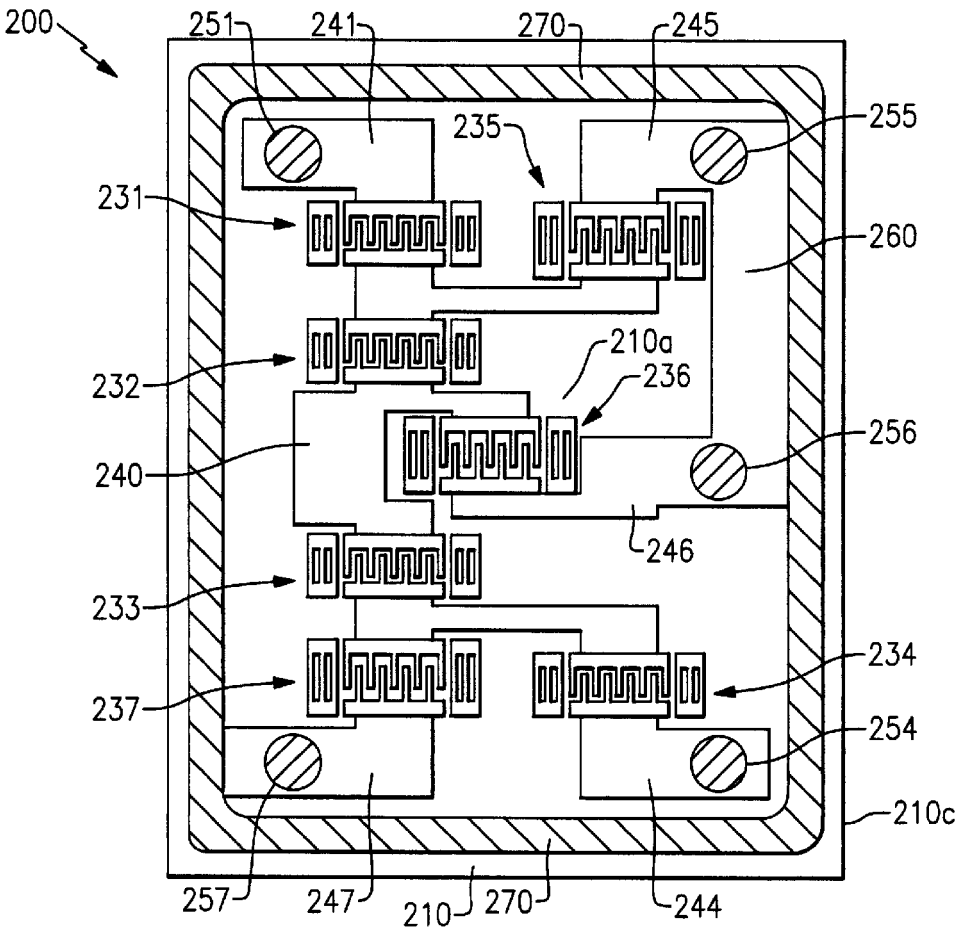

FIG.11B

[Fig. 12]

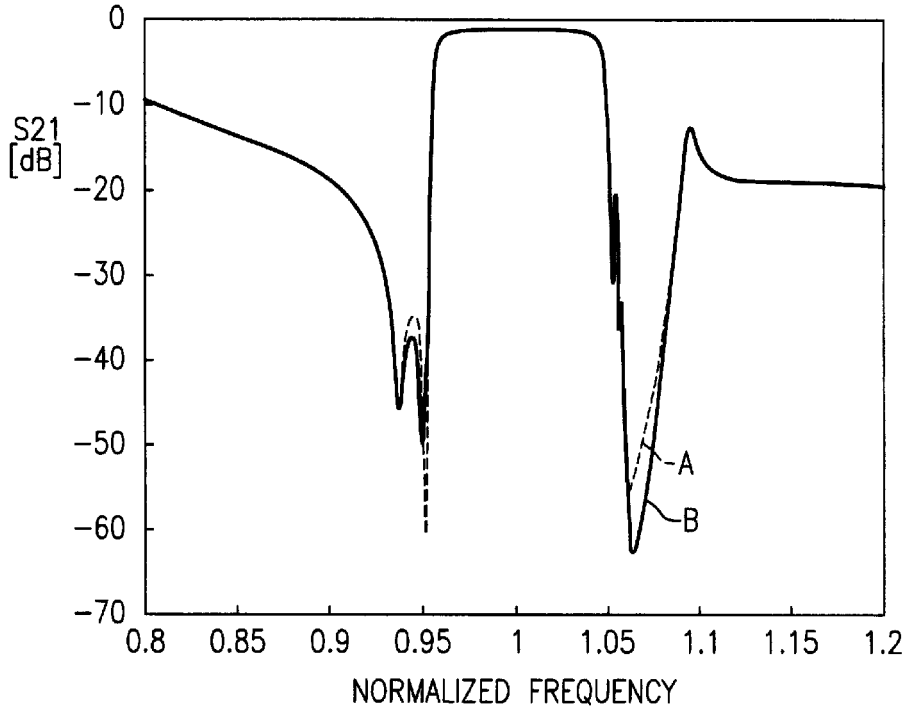

FIG.12A

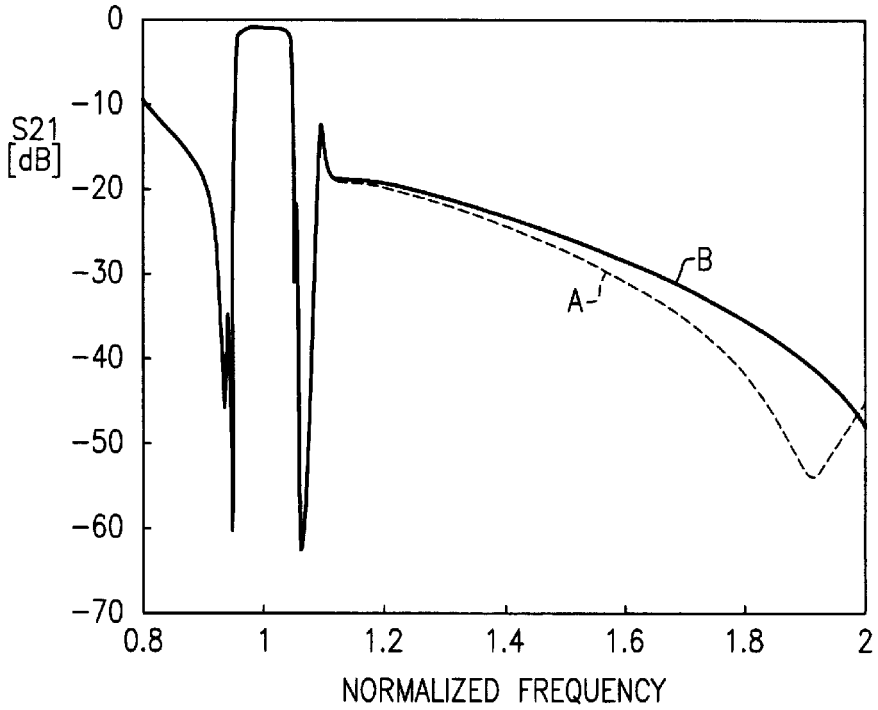

FIG.12B

[Fig. 13]

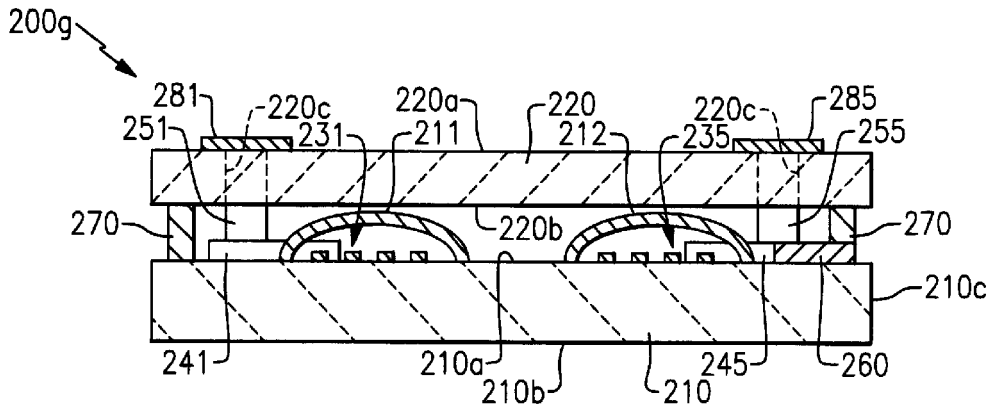

FIG.13

[Fig. 14]

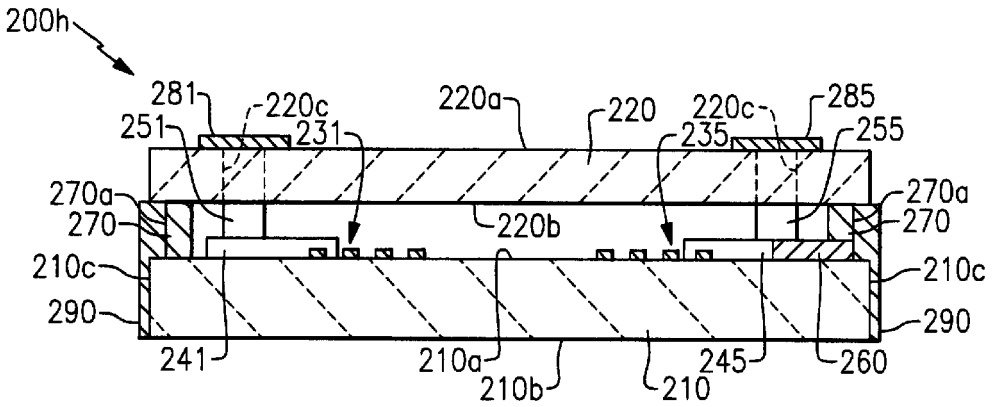

FIG.14

[Fig. 15]

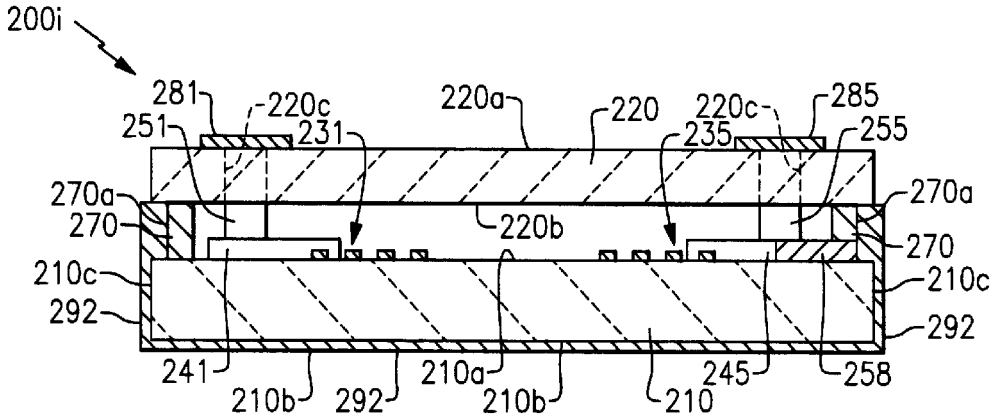

FIG.15

[Fig. 16]

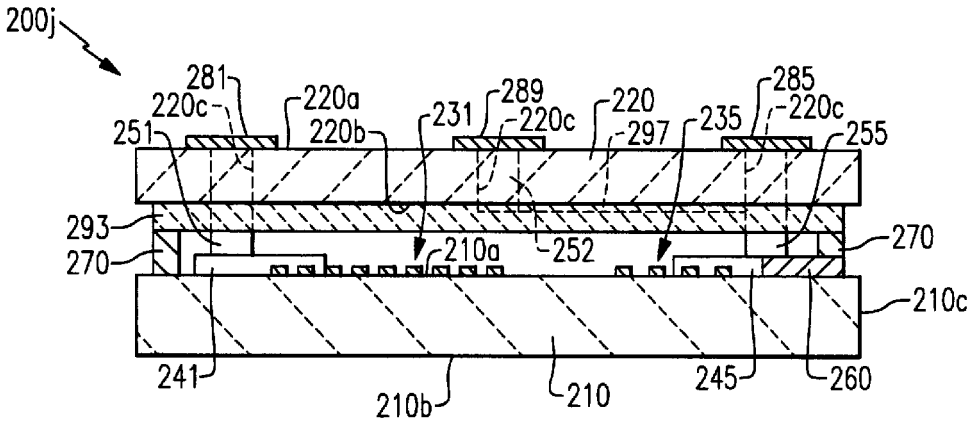

FIG.16

[Fig. 17]

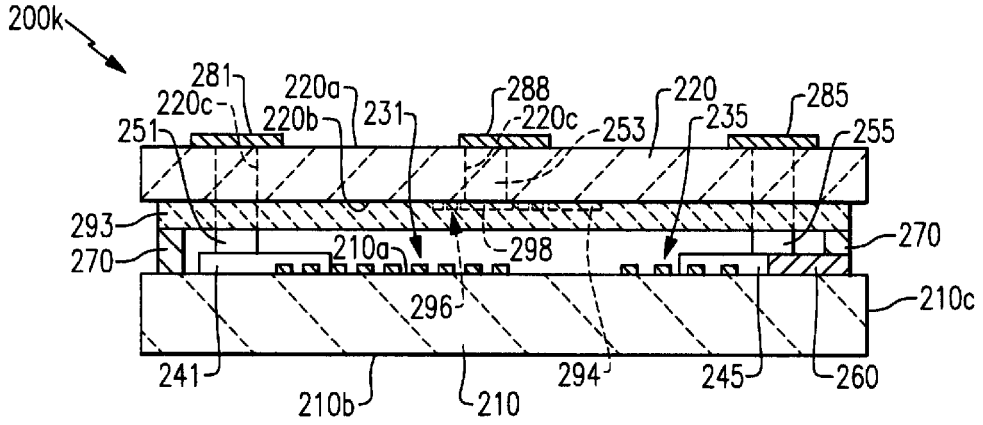

FIG.17

[Fig. 18]

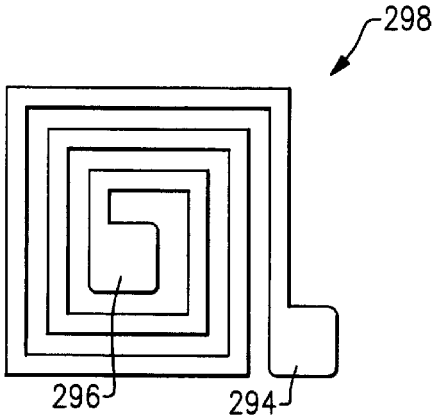

FIG.18A

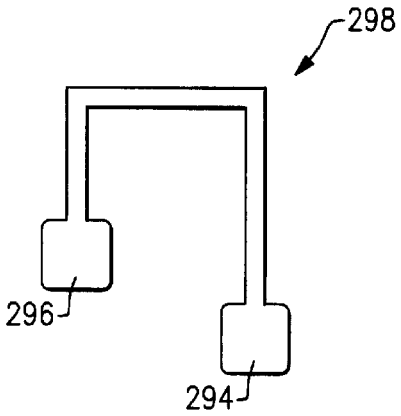

FIG.18B

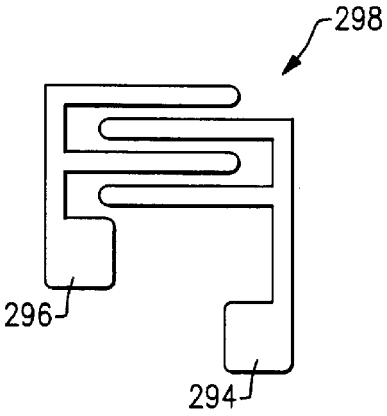

FIG.18C

[Fig. 19]

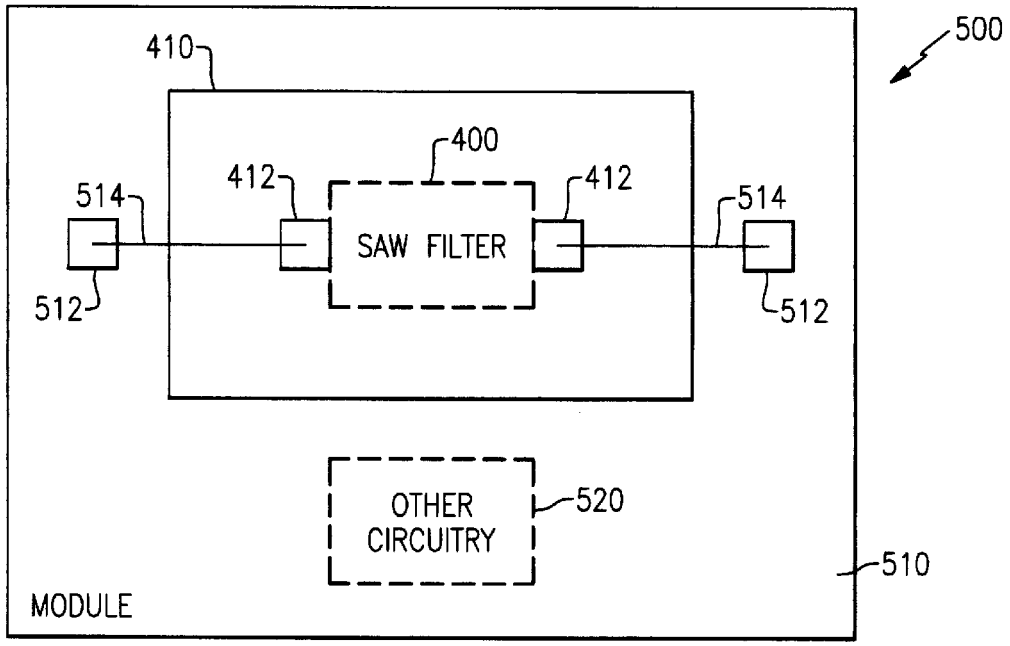
500
410
400
412
412
514
514
SAW FILTER
512
512
OTHER
CIRCUITRY
520
510
MODULE

FIG.19

[Fig. 20]

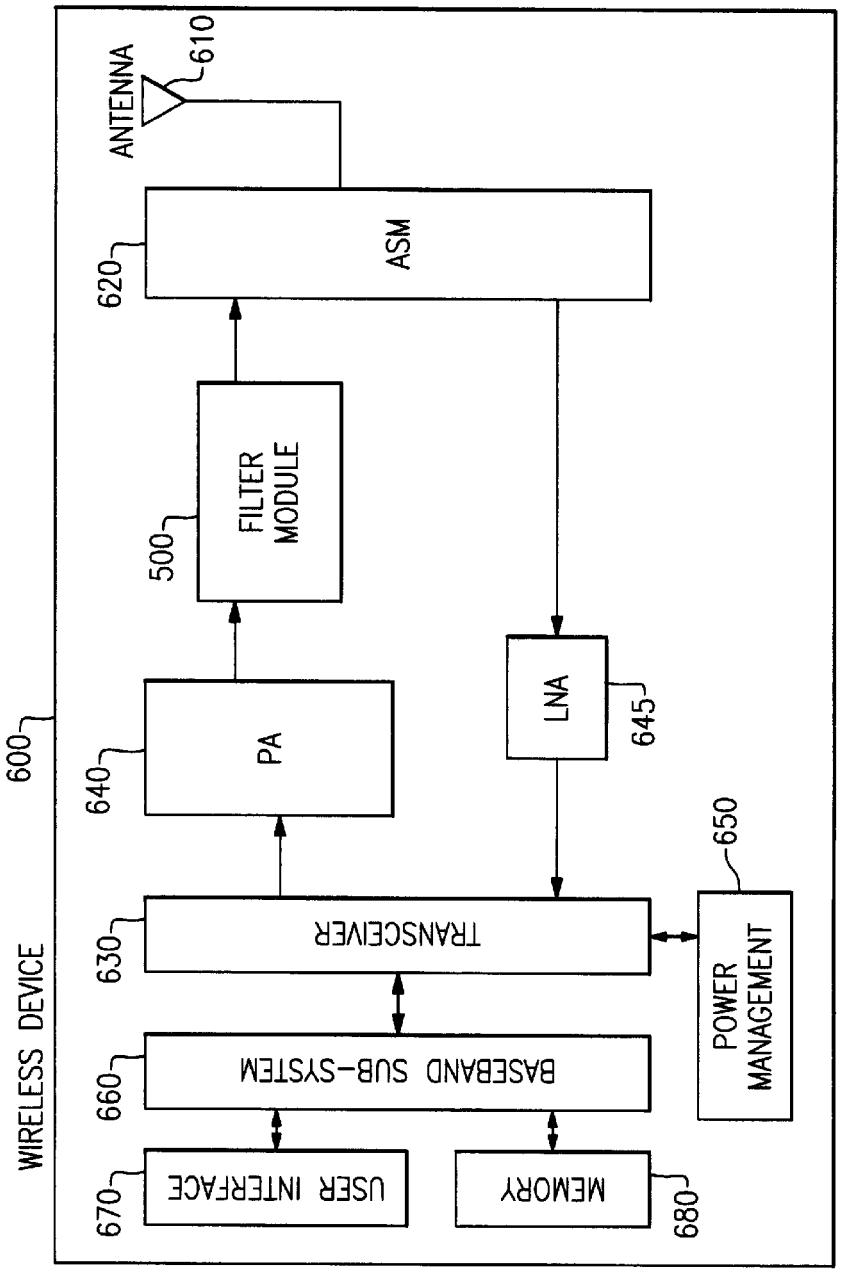
WIRELESS DEVICE
600
ANTENNA
610
620
ASM
500
FILTER MODULE
640
PA
645
LNA
650
630
TRANSCEIVER
POWER MANAGEMENT
660
BASEBAND SUB-SYSTEM
670
USER INTERFACE
680
MEMORY

FIG.20