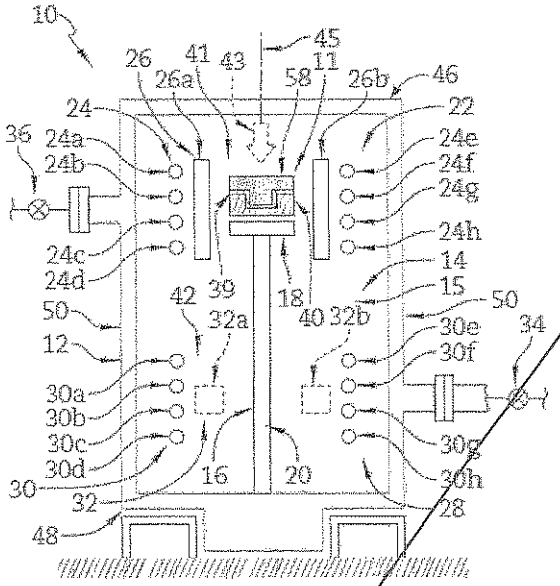

10
26
41
43
45
11
58
26b
46
26a
24
22
36
24a
24b
24e
24f
24g
24h
24c
24d
14
15
50
42
39
18
40
32b
32a
12
30e
34
30f
30a
30b
30c
30d
30g
30
16
20
30h
32
28
48

FIG. 1

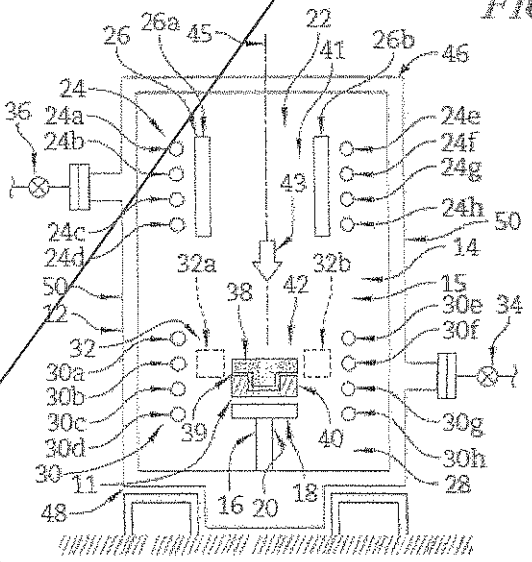

26
26a
45
22
41
26b
46
24
36
24a
24b
24e
24f
24g
43
24h
50
24c
24d
14
32a
32b
38
42
15
50
12
30e
34
30f
32
30a
30b
30c
30d
30g
39
40
30h
30
11
28
48
16
20
18

FIG. 2

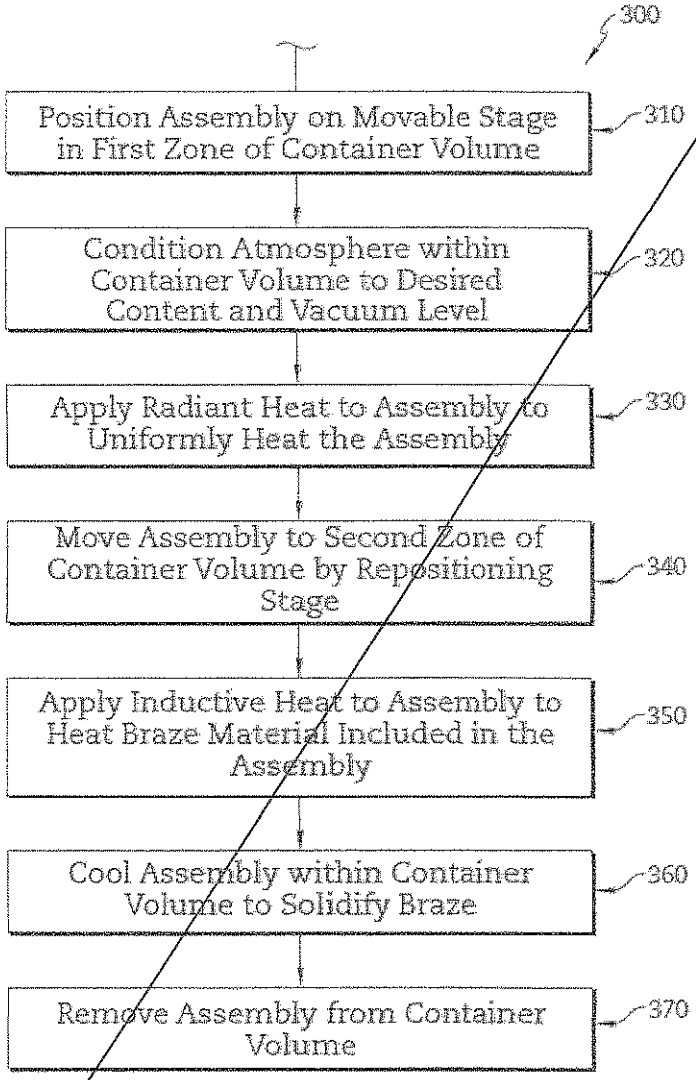

300
Position Assembly on Movable Stage in First Zone of Container Volume
310
Condition Atmosphere within Container Volume to Desired Content and Vacuum Level
320
Apply Radiant Heat to Assembly to Uniformly Heat the Assembly
330
Move Assembly to Second Zone of Container Volume by Repositioning Stage
340
Apply Inductive Heat to Assembly to Heat Braze Material Included in the Assembly
350
Cool Assembly within Container Volume to Solidify Braze
360
Remove Assembly from Container Volume
370

FIG. 3

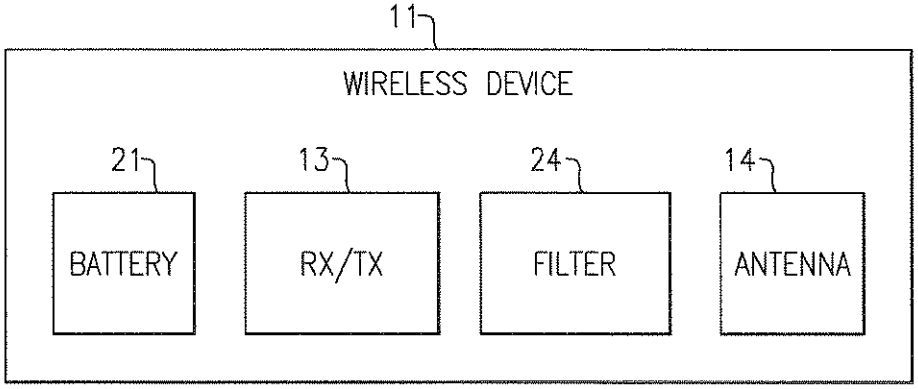


FIG.1

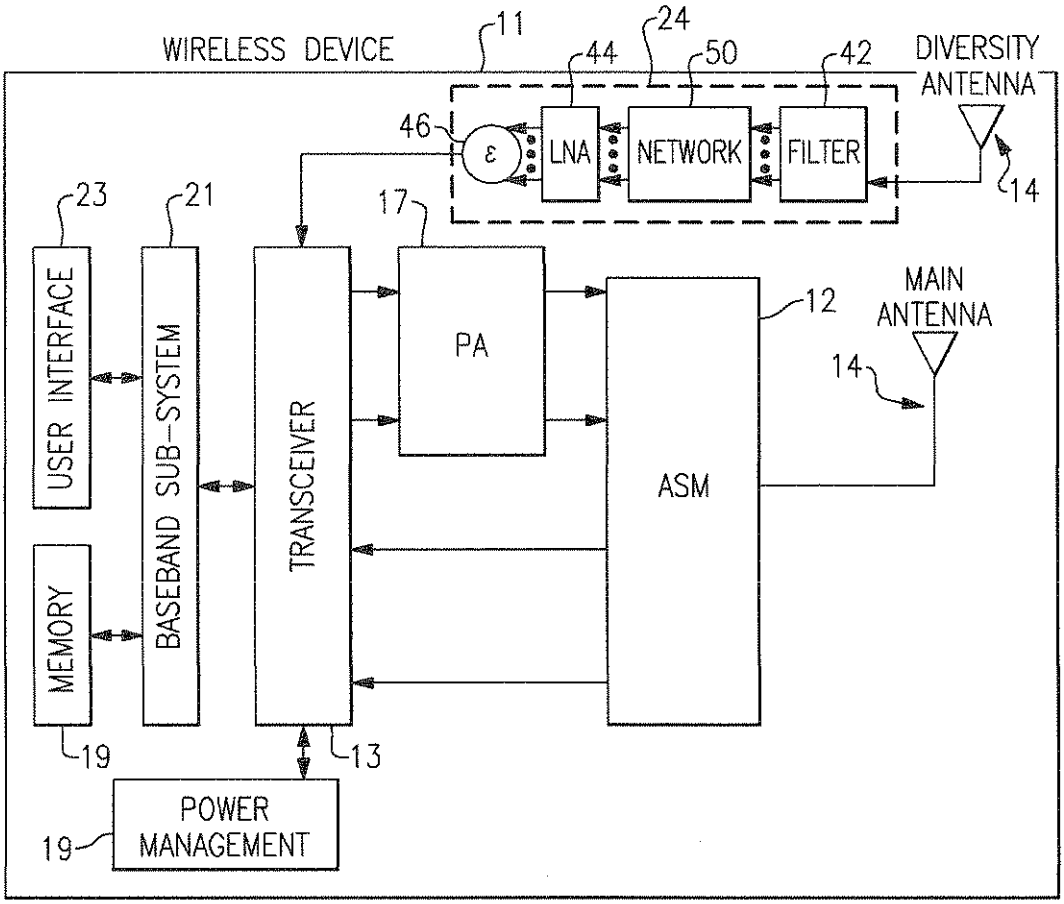

WIRELESS DEVICE
11
24
44
50
42
DIVERSITY ANTENNA
46
ε
LNA
NETWORK
FILTER
14
23
21
17
USER INTERFACE
BASEBAND SUB-SYSTEM
TRANSCEIVER
PA
12
MAIN ANTENNA
14
ASM
MEMORY
19
13
POWER MANAGEMENT
19

FIG.2

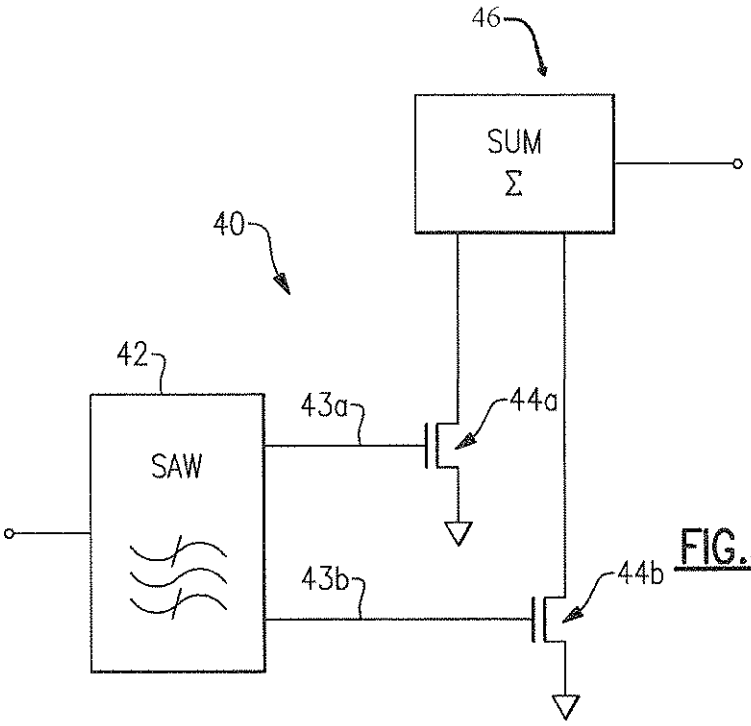

46
SUM
Σ
40
42
43a
44a
SAW
43b
44b

FIG.3

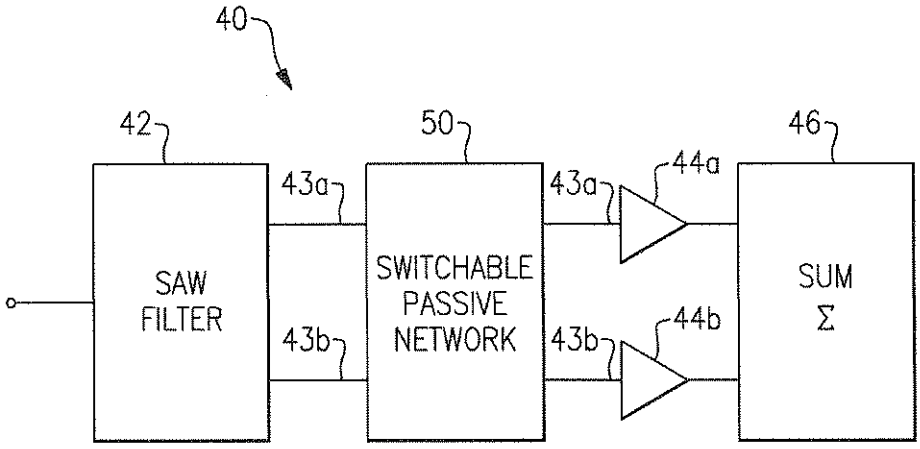

40
42
50
46
43a
44a
43a
SAW
FILTER
SWITCHABLE
PASSIVE
NETWORK
SUM
Σ
43b
44b
43b

FIG.4

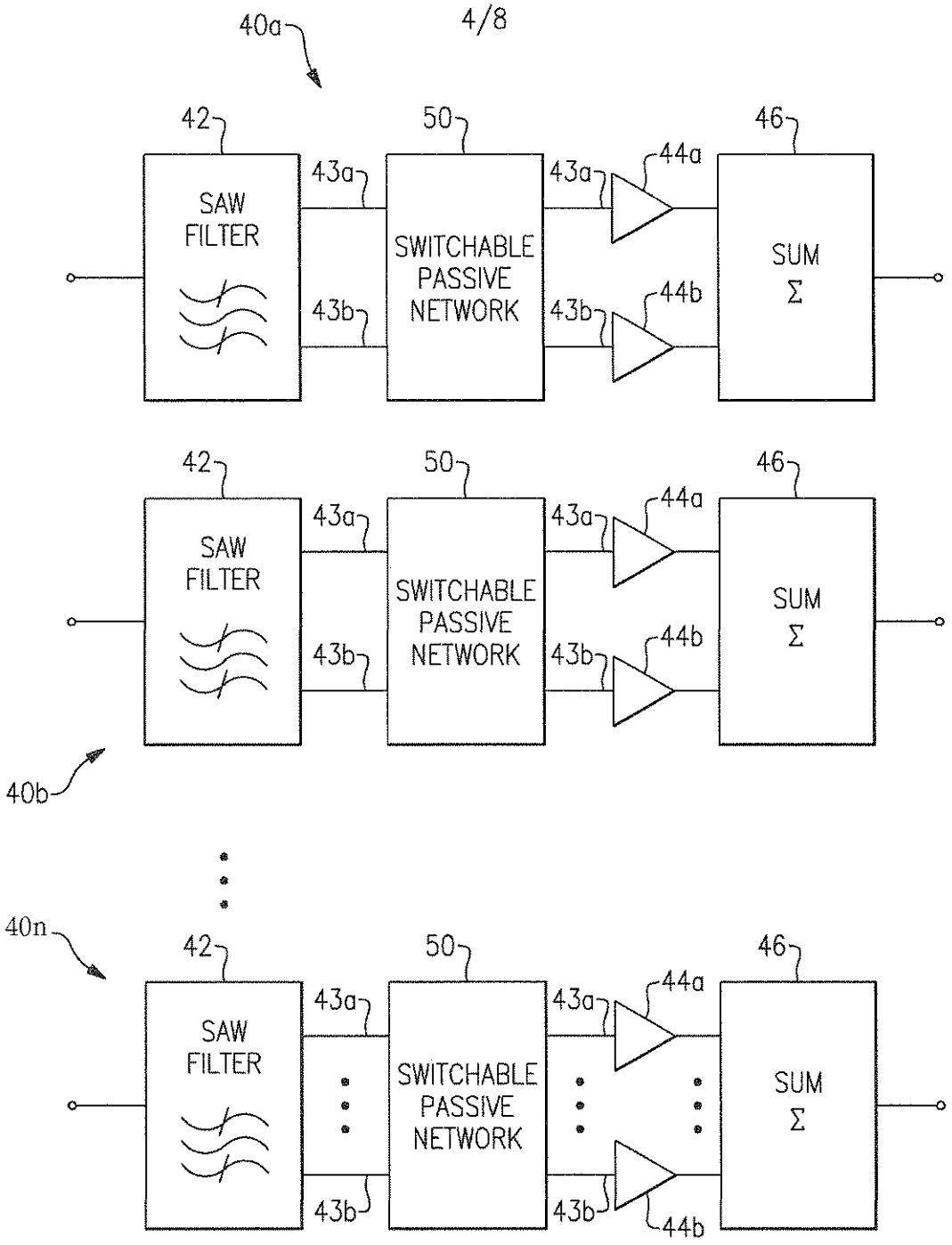

40a
42
50
46
SAW FILTER
43a
43b
SWITCHABLE PASSIVE NETWORK
44a
44b
SUM Σ
40b
40n

FIG.5

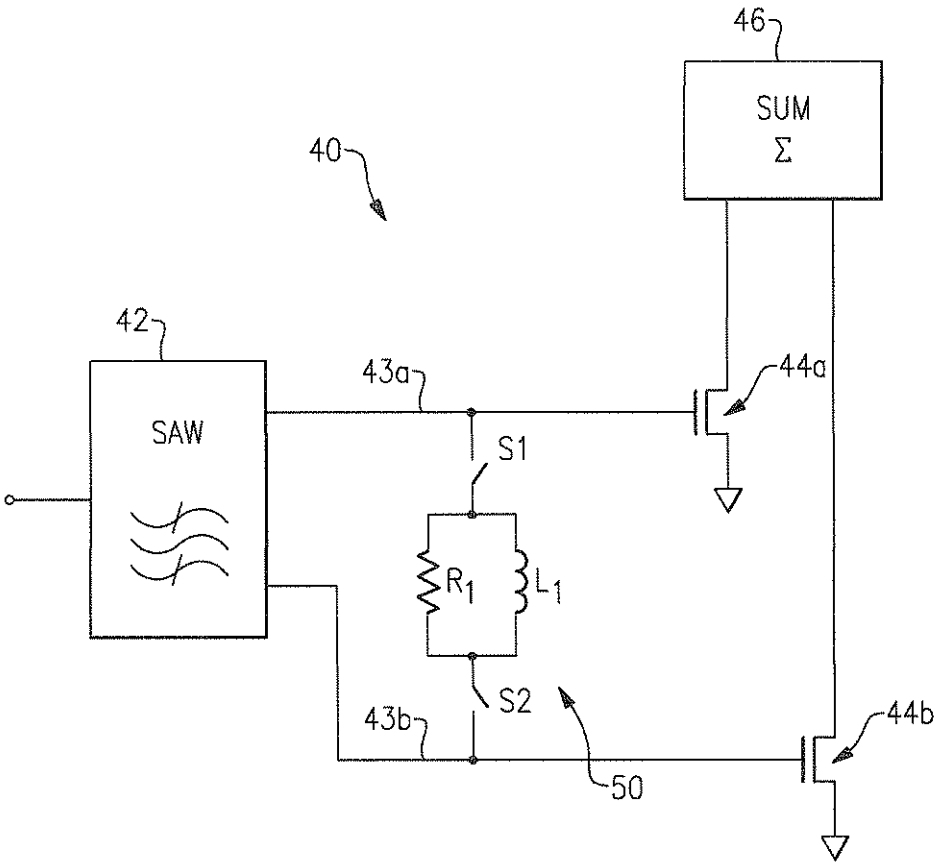


FIG.6

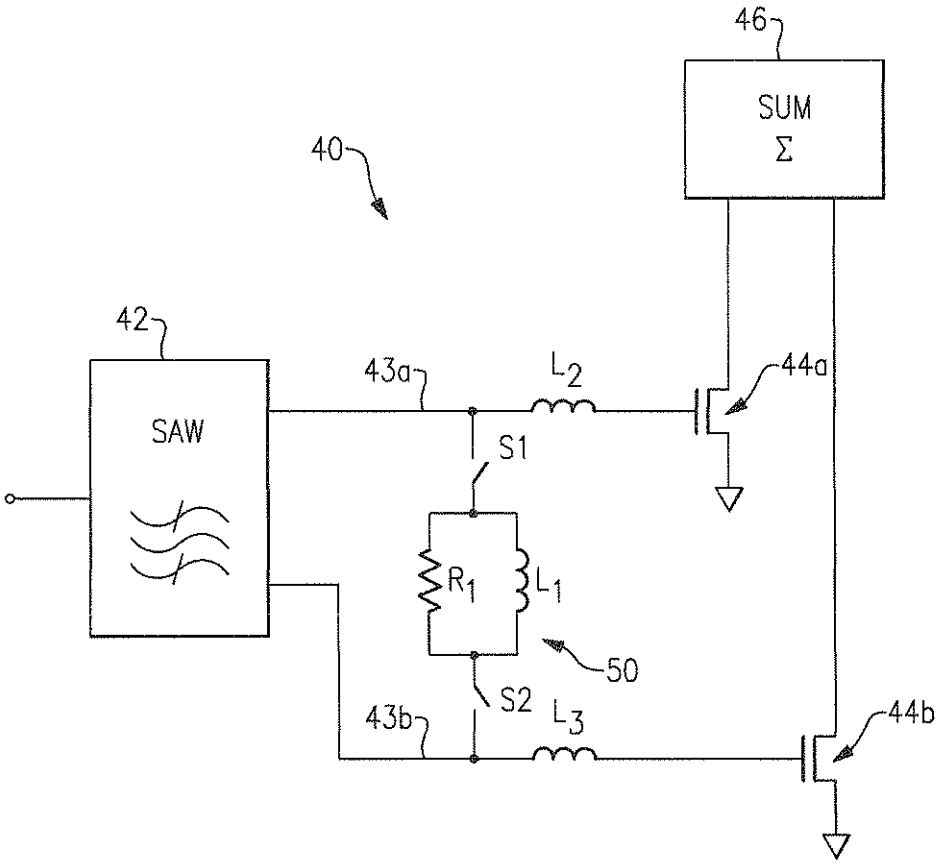


FIG.7

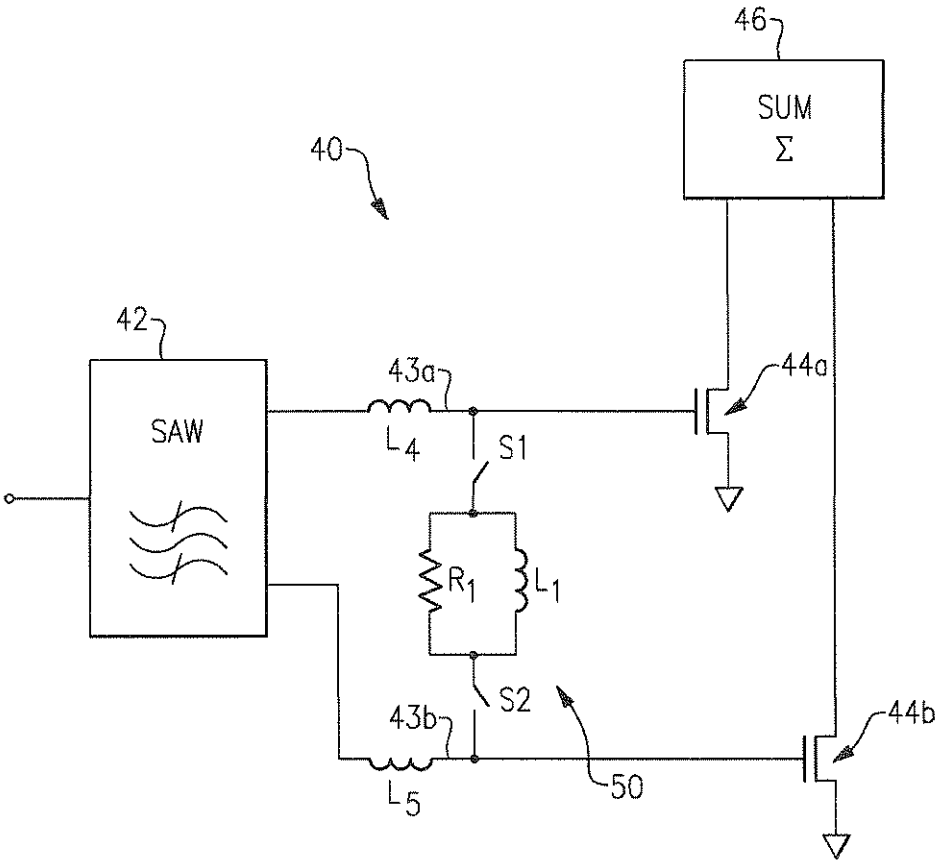


FIG.8

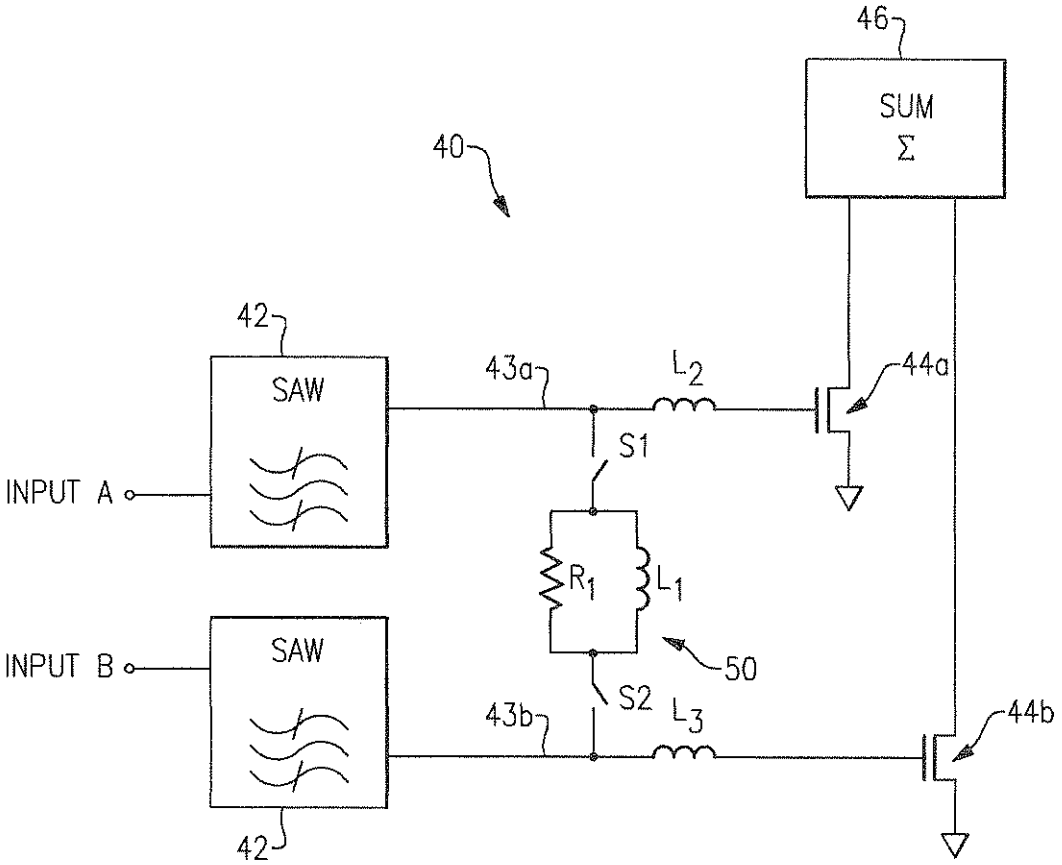

46
SUM
Σ
40
42
SAW
43a
L2
44a
S1
INPUT A
R1
L1
INPUT B
SAW
50
S2
43b
L3
44b
42

FIG.9