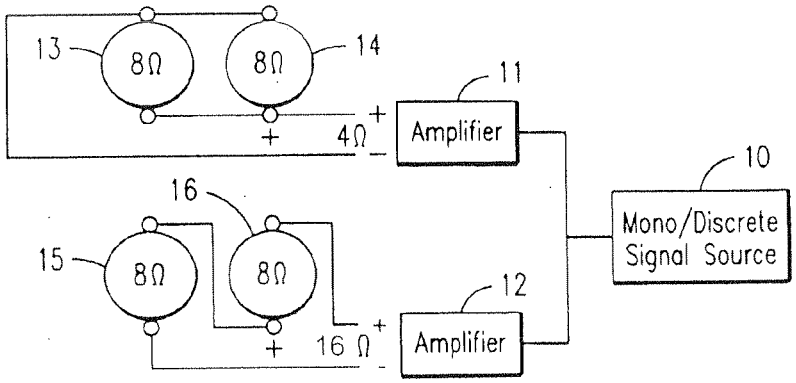
13
8Ω
8Ω
14
11
4Ω
Amplifier
10
Mono/Discrete
Signal Source
16
15
8Ω
8Ω
12
16 Ω
Amplifier

FIG. 1

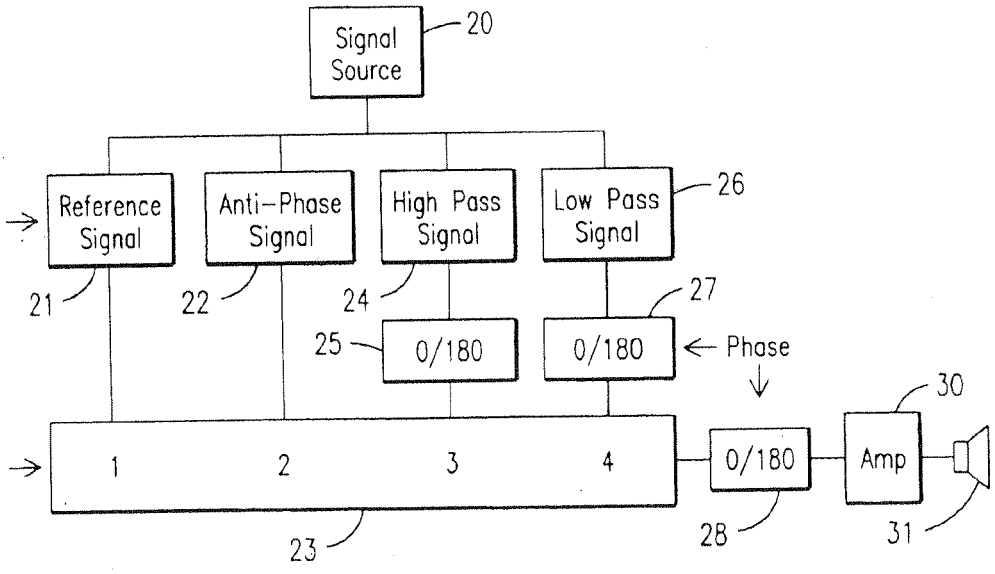
Signal
Source
20
Reference
Signal
Anti-Phase
Signal
High Pass
Signal
Low Pass
Signal
26
21
22
24
27
25
0/180
0/180
Phase
30
1
2
3
4
0/180
Amp
23
28
31

FIG. 2

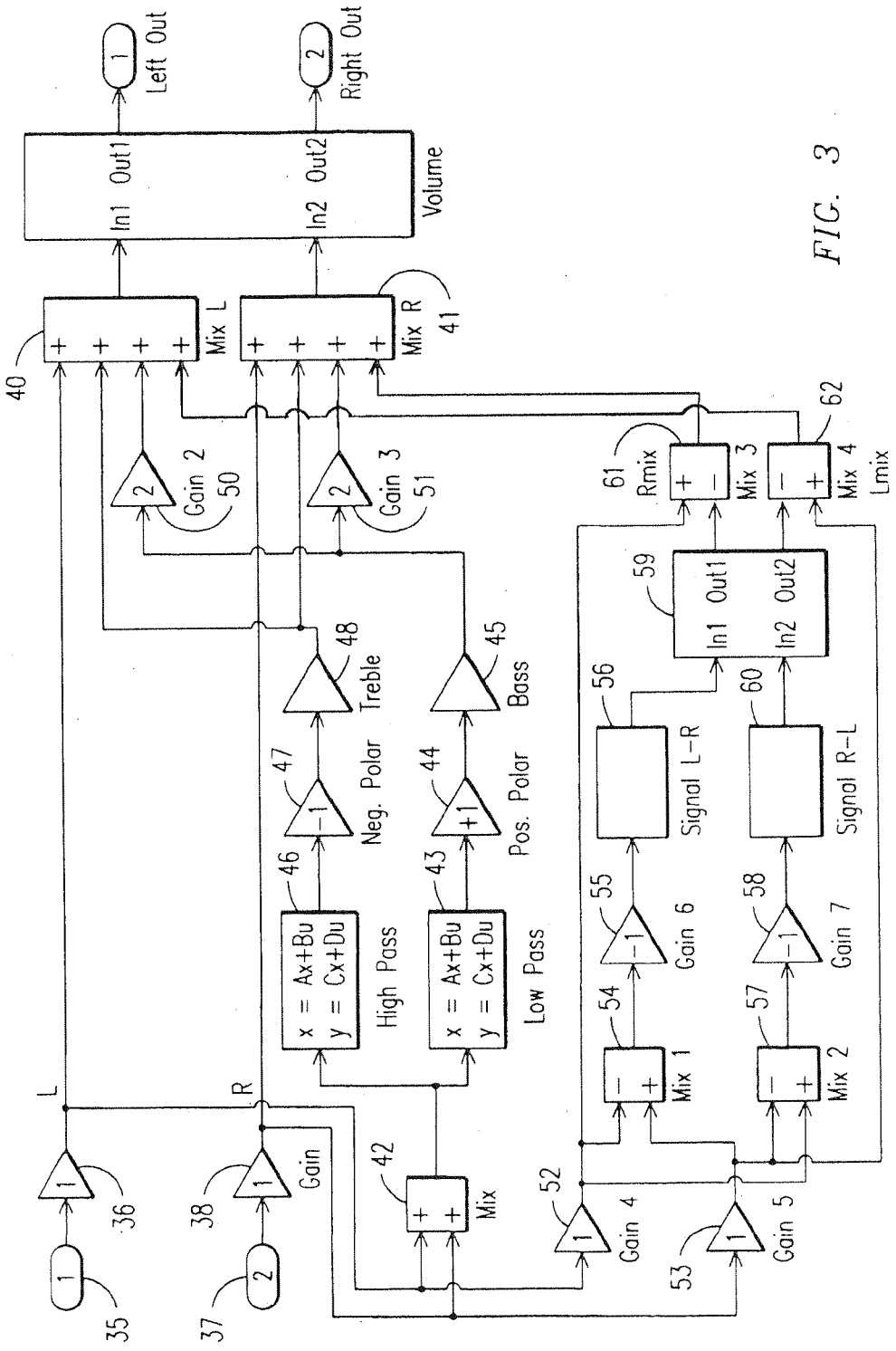
Left Out
Right Out
In1 Out1
In2 Out2
Volume
Mix L
Mix R
Gain 2
Gain 3
Treble
Bass
Neg. Polar
Pos. Polar
High Pass
Low Pass
Mix
Gain
Gain 4
Gain 5
Gain 6
Gain 7
Signal L-R
Signal R-L
Mix 1
Mix 2
Mix 3
Mix 4
Rmix
Lmix
x = Ax+Bu
y = Cx+Du
L
R

FIG. 3

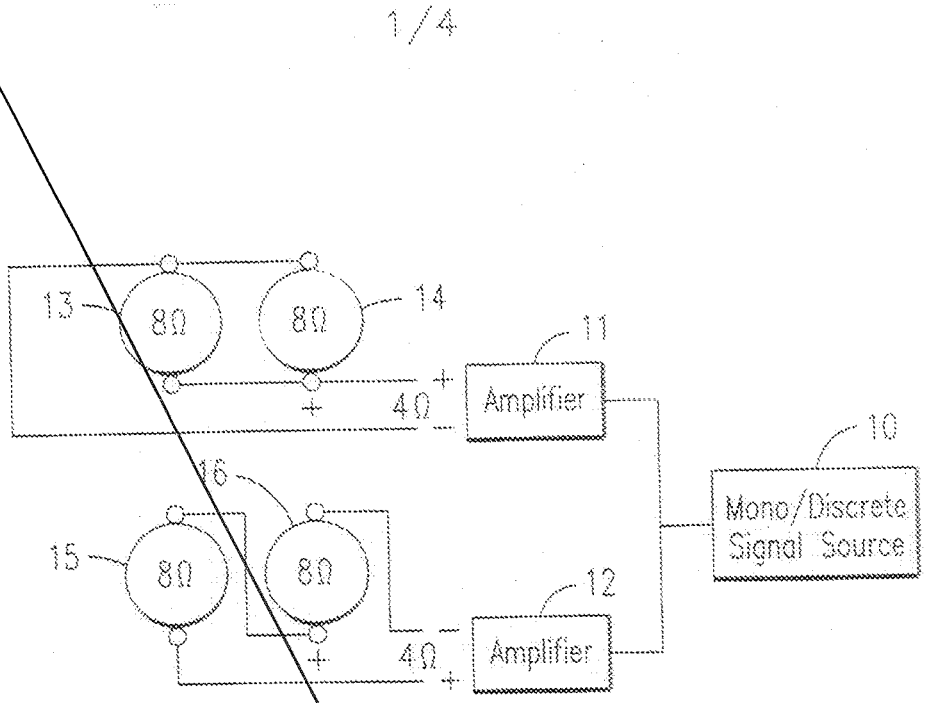
13
8Ω
8Ω
14
11
+
4Ω
−
Amplifier
10
Mono/Discrete Signal Source
16
15
8Ω
8Ω
12
−
4Ω
+
Amplifier

FIG. 1

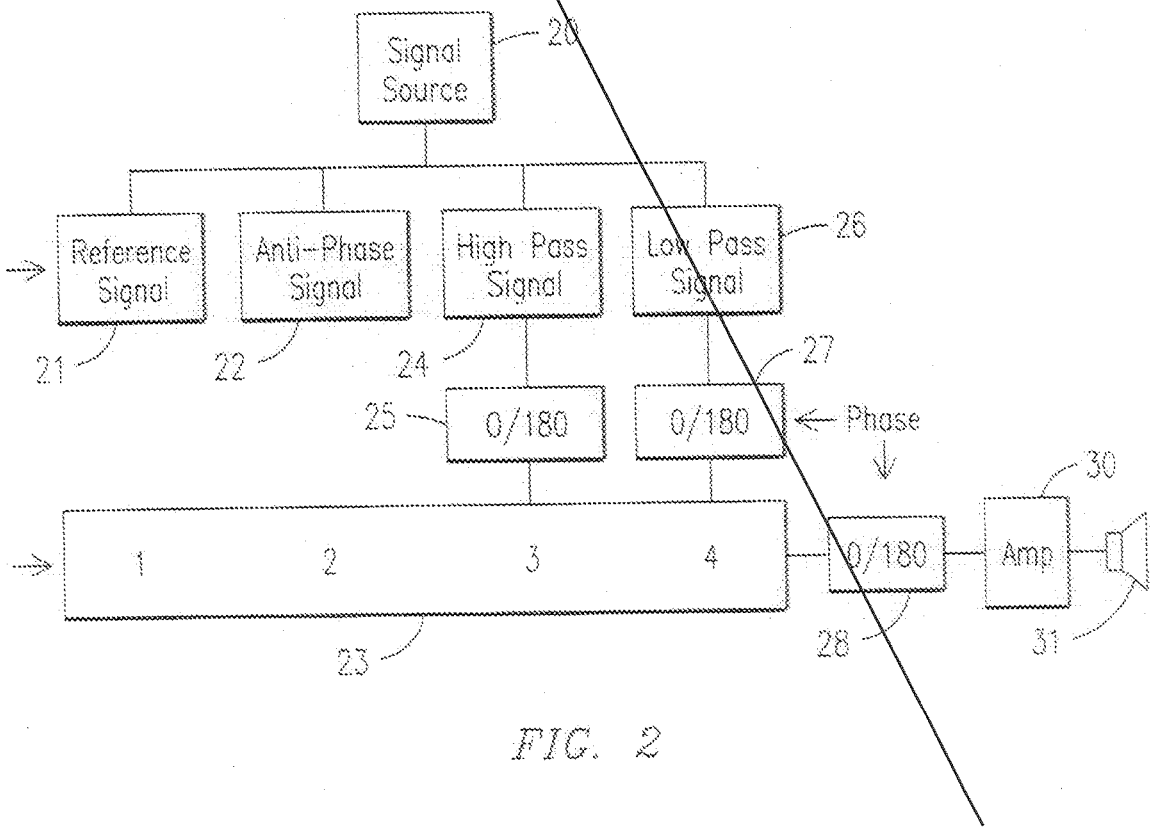
Signal Source
20
Reference Signal
Anti-Phase Signal
High Pass Signal
Low Pass Signal
26
21
22
24
27
25
0/180
0/180
Phase
30
1
2
3
4
0/180
Amp
23
28
31

FIG. 2

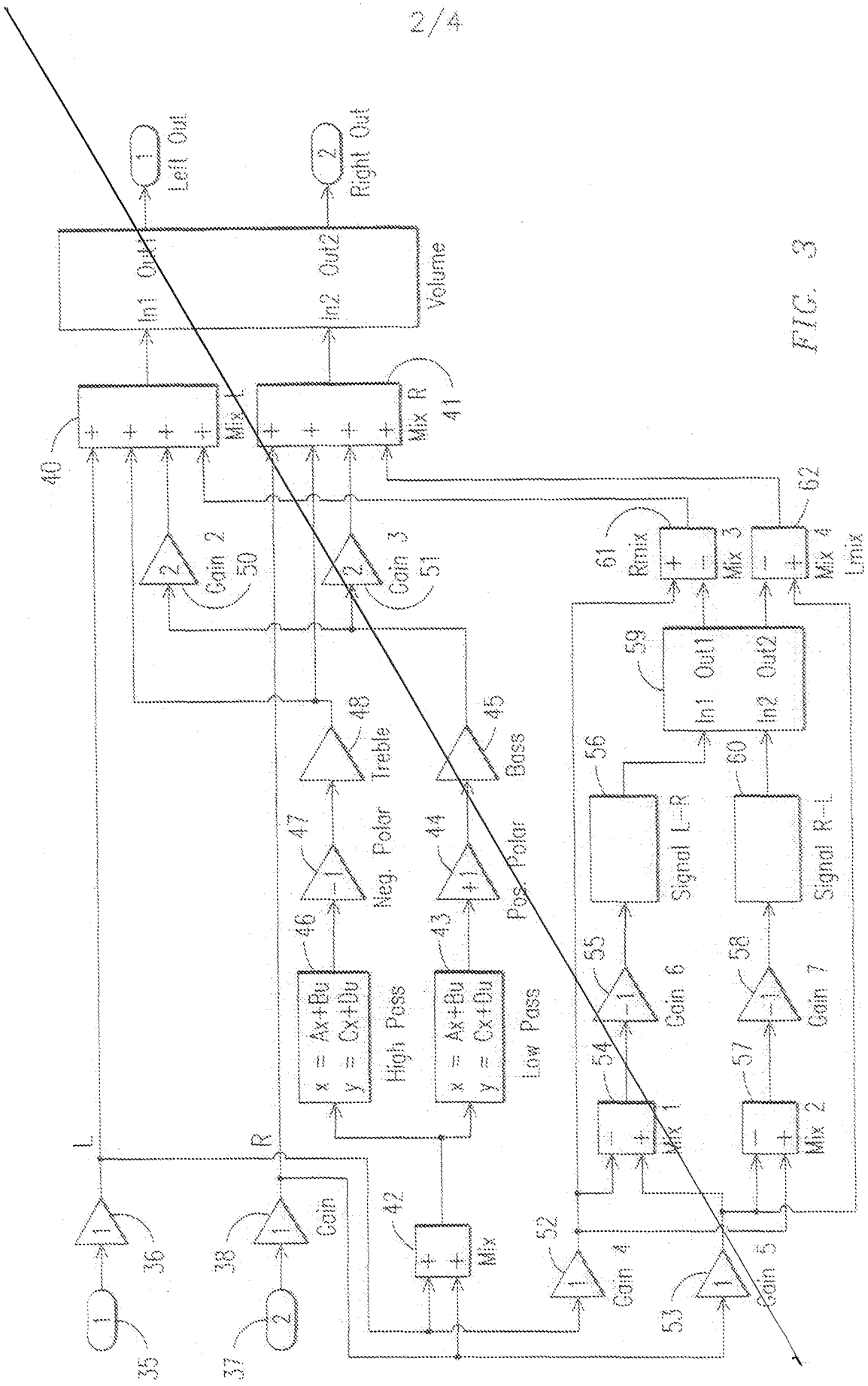
Left Out
Right Out
In1 Out1
In2 Out2
Volume
Mix L
Mix R
Gain 2
Gain 3
Treble
Bass
Neg. Polar
Pos. Polar
High Pass
Low Pass
Rmix
Lmix
Mix 3
Mix 4
Signal L-R
Signal R-L
Gain 6
Gain 7
Mix 1
Mix 2
Gain
Mix
Gain 4
Gain 5
L
R
x = Ax+Bu
y = Cx+Du

FIG. 3