

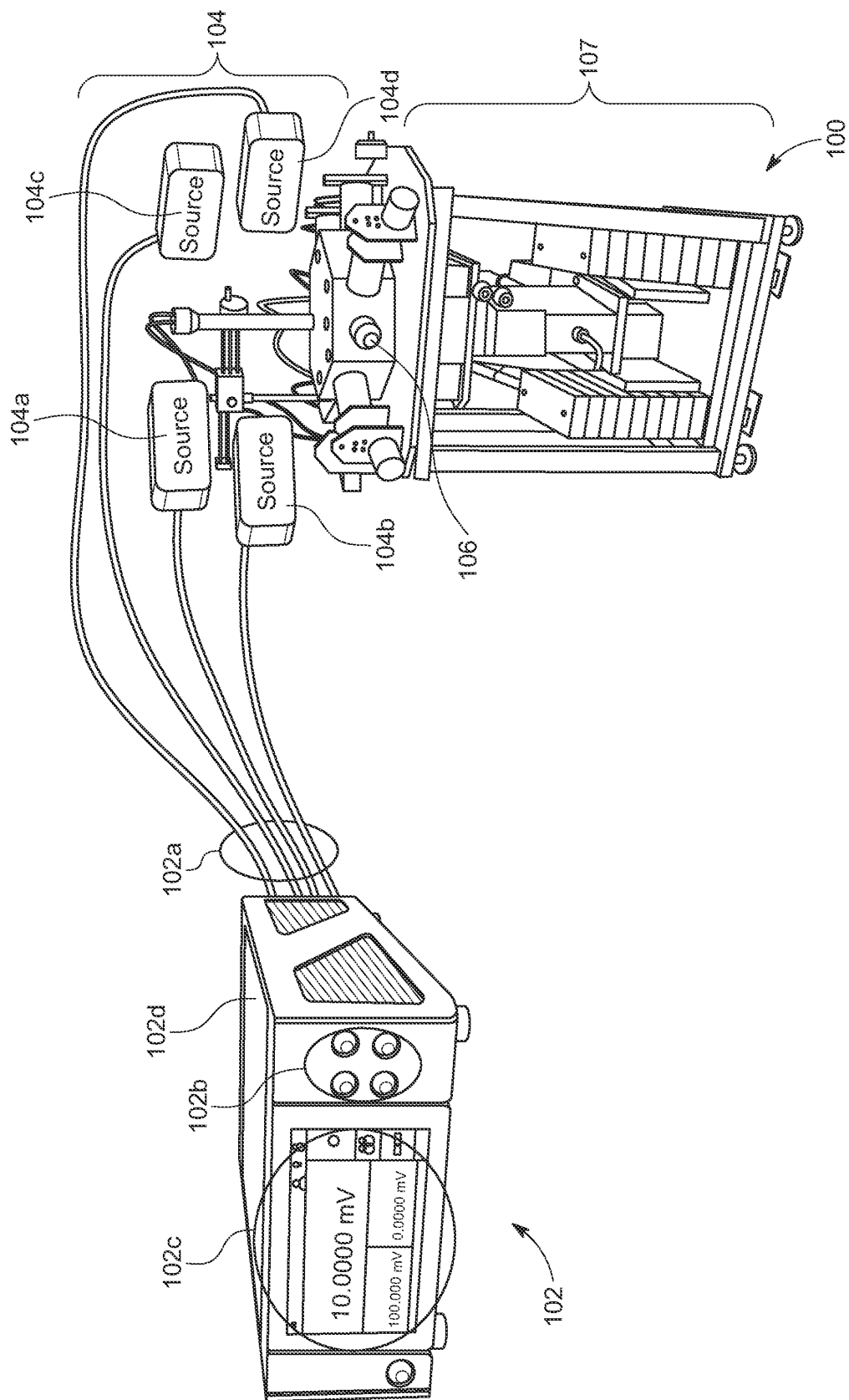


FIG. 1

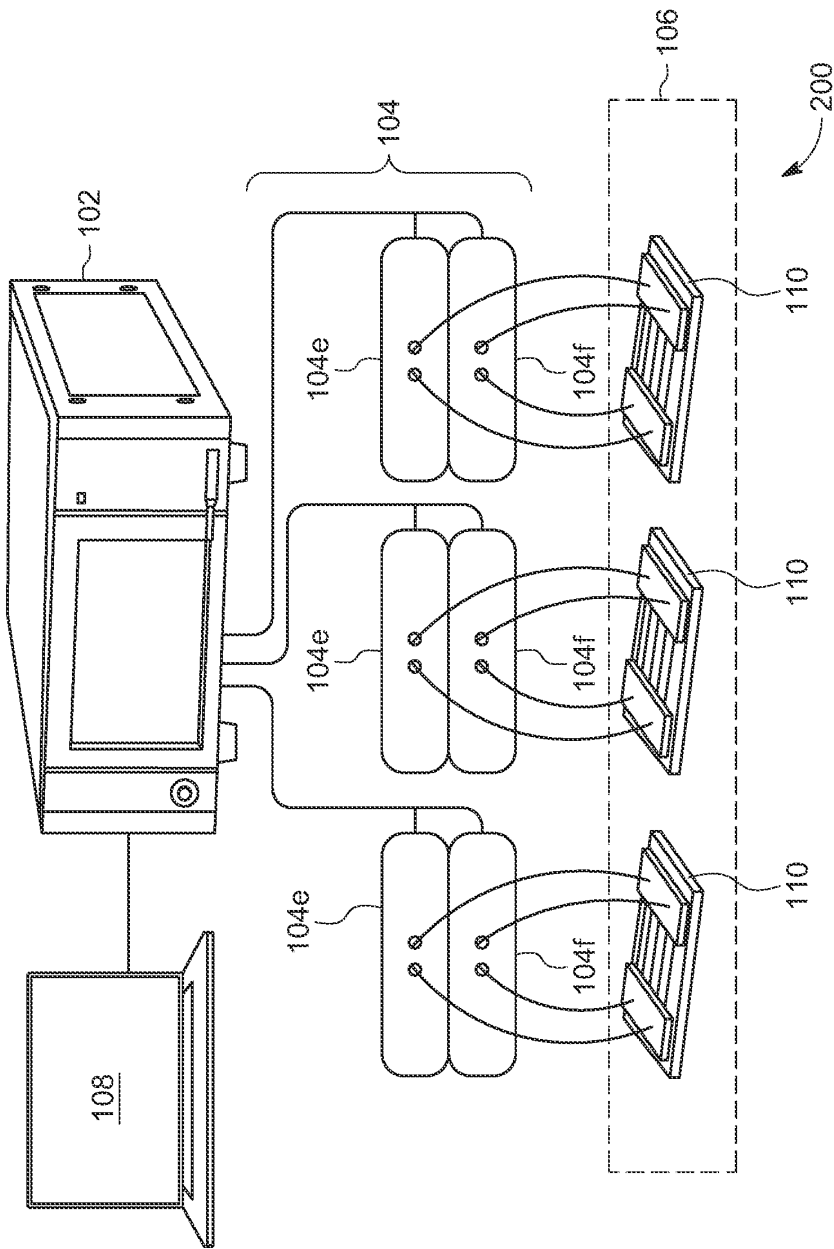


FIG. 2

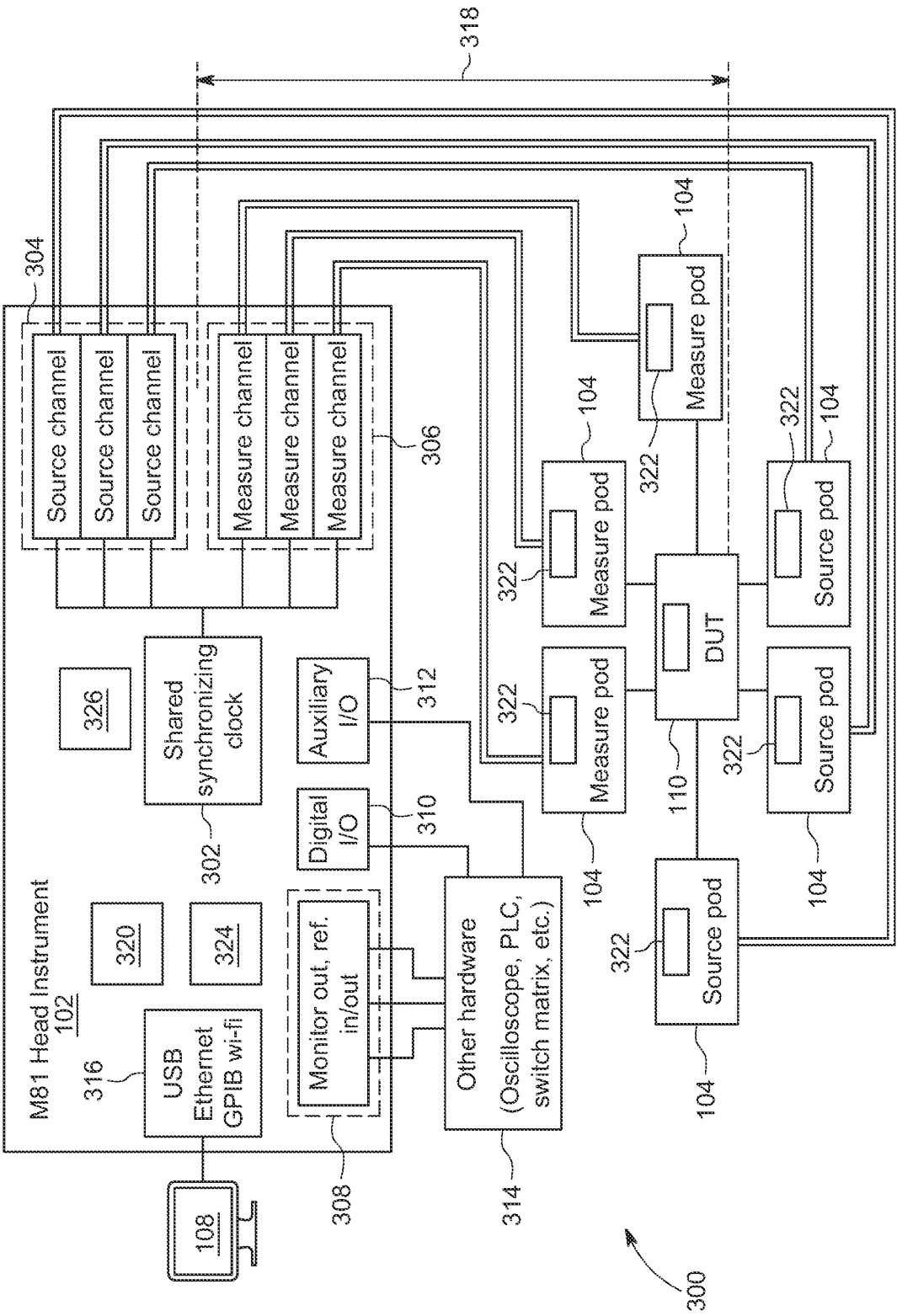
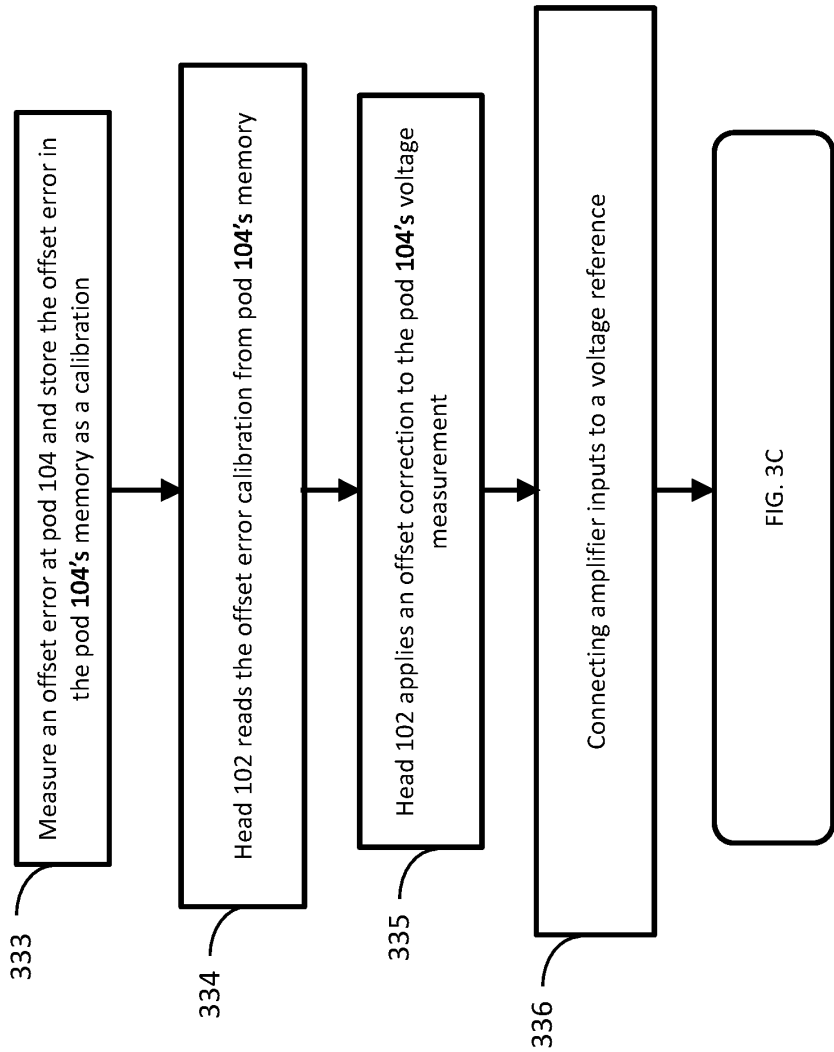
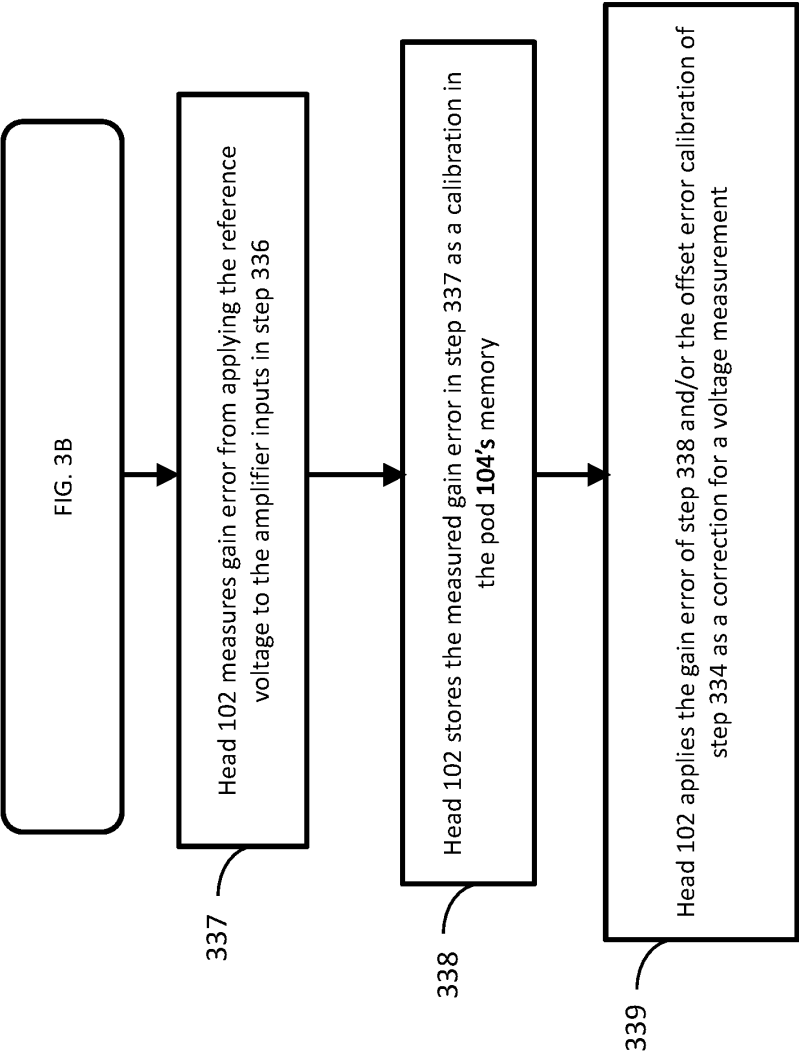


FIG. 3A



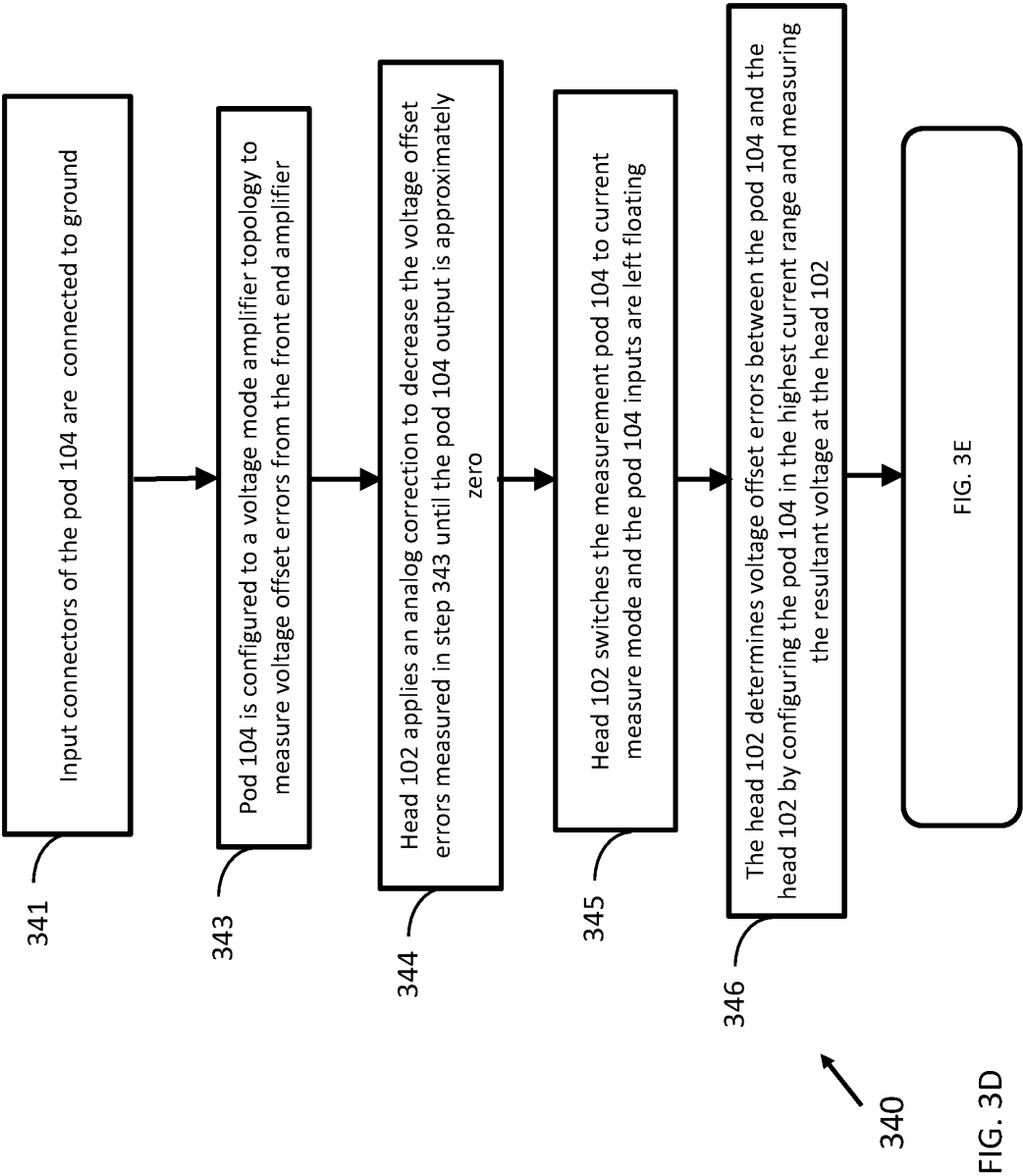
330

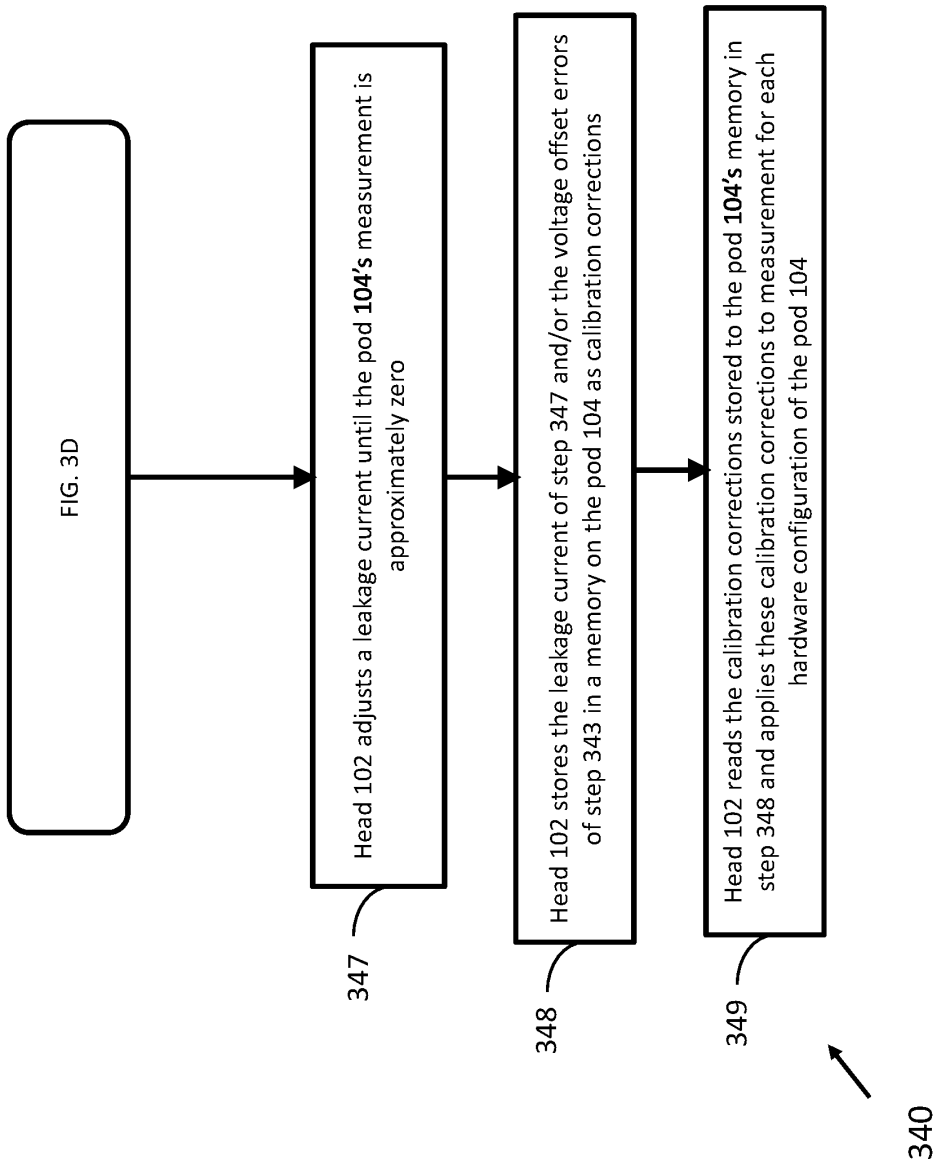
FIG. 3B

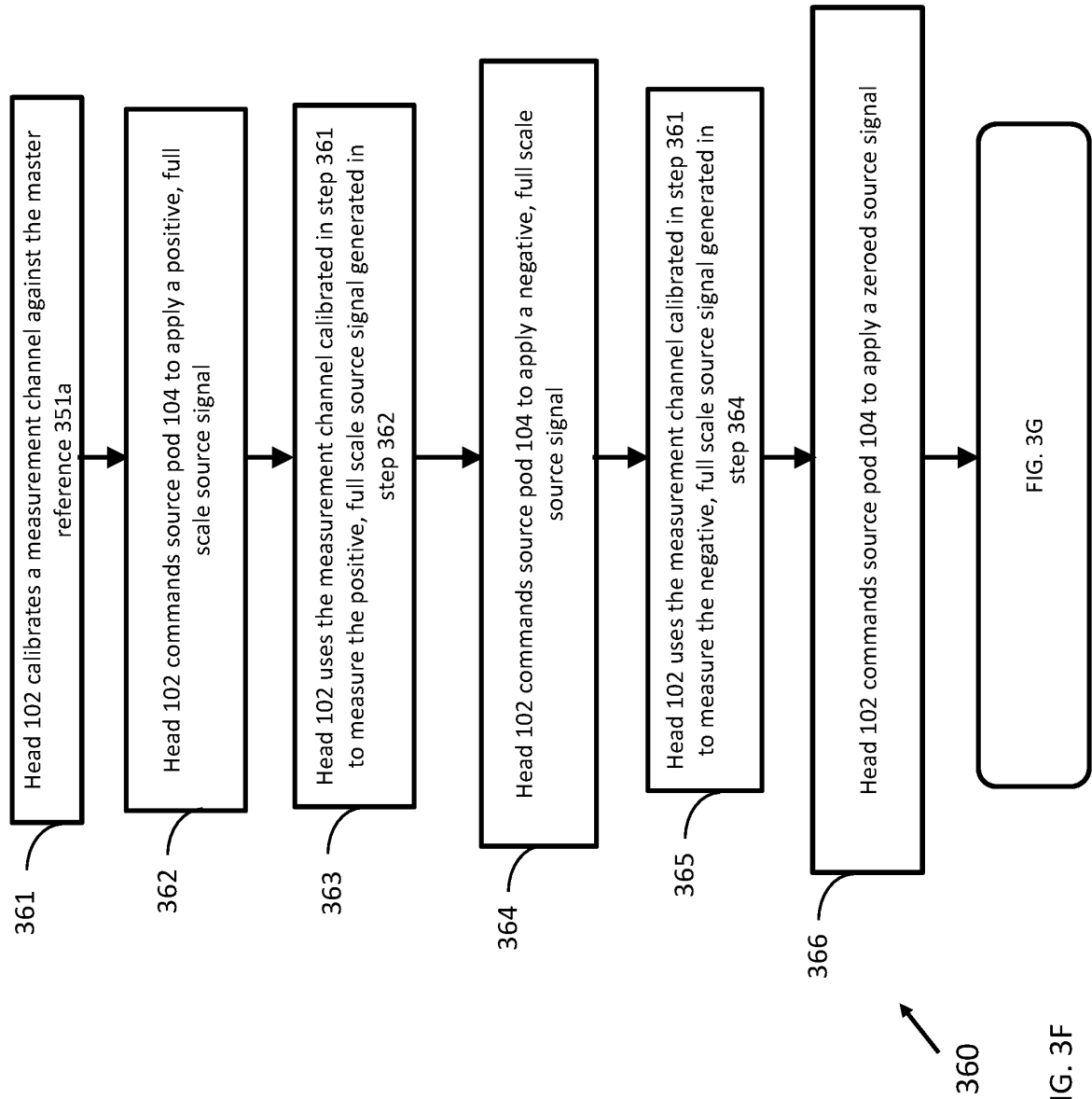


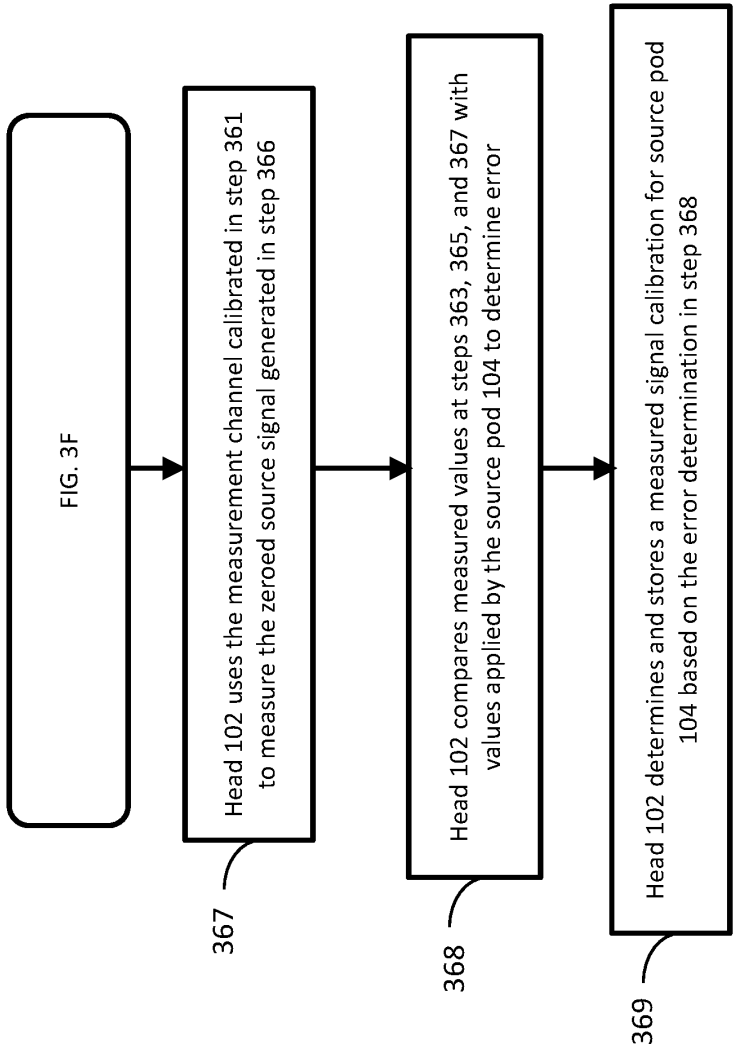
330

FIG. 3C









360

FIG. 3G

<i>features</i>	Enhanced Combination Source/Measure Pod	Precision Source Pod	Balanced Current Source Pod
Voltage source	✓	✓	
Current source	✓		✓
Common mode noise rejection			✓
Hybrid AC/DC sourcing	✓	✓	
DC up to	10 kHz	100 kHz	100 kHz
Source span	nV – 10 V or pA – 100 mA	nV – 10 V or pA – 100 mA	pA – 100 mA

FIG. 4

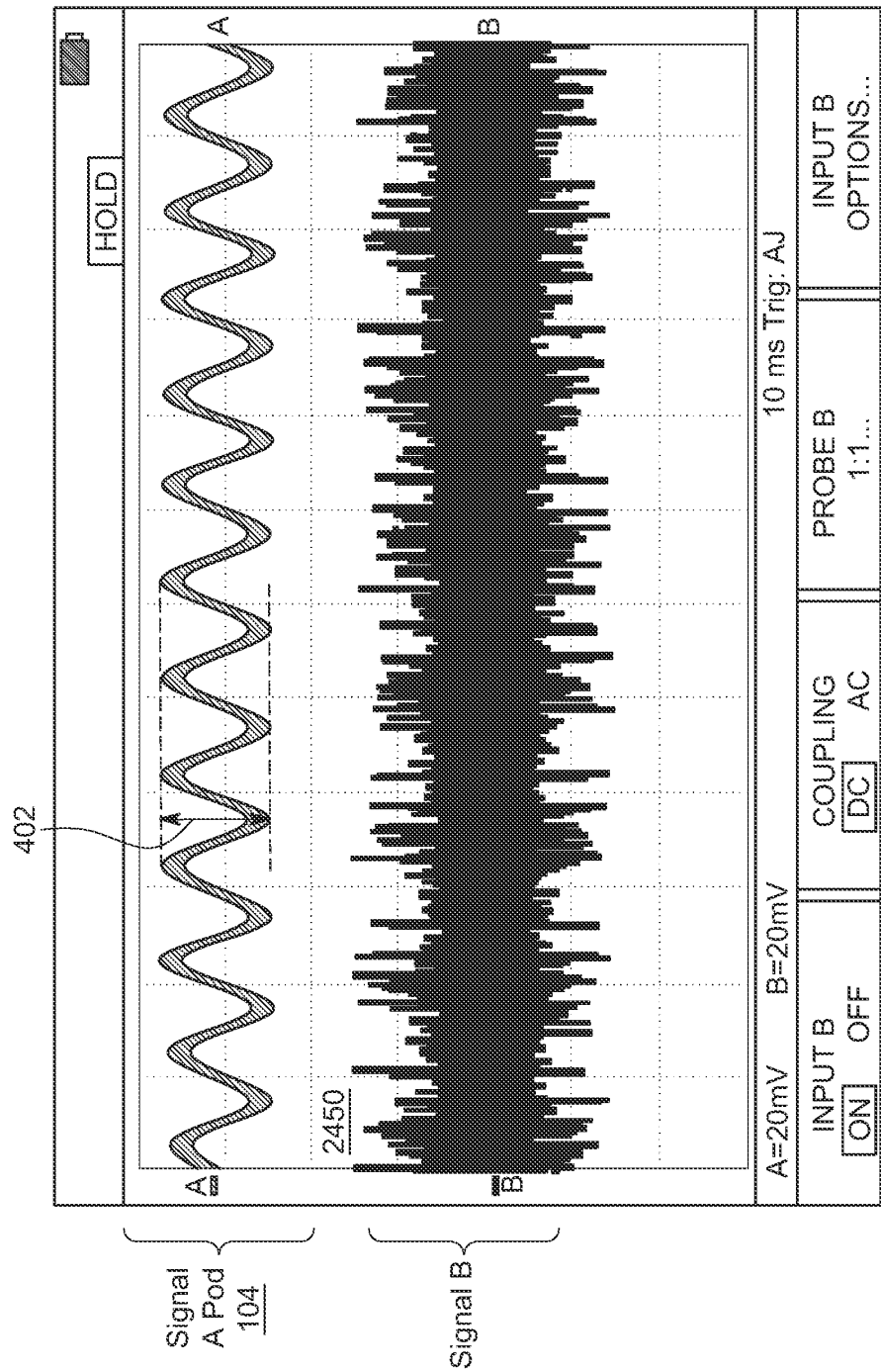


FIG. 5A

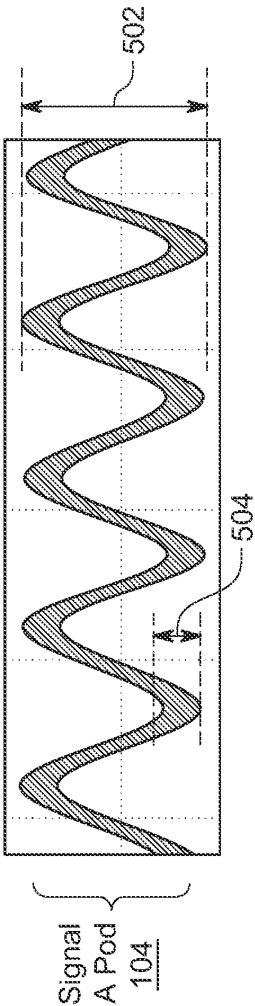


FIG. 5B

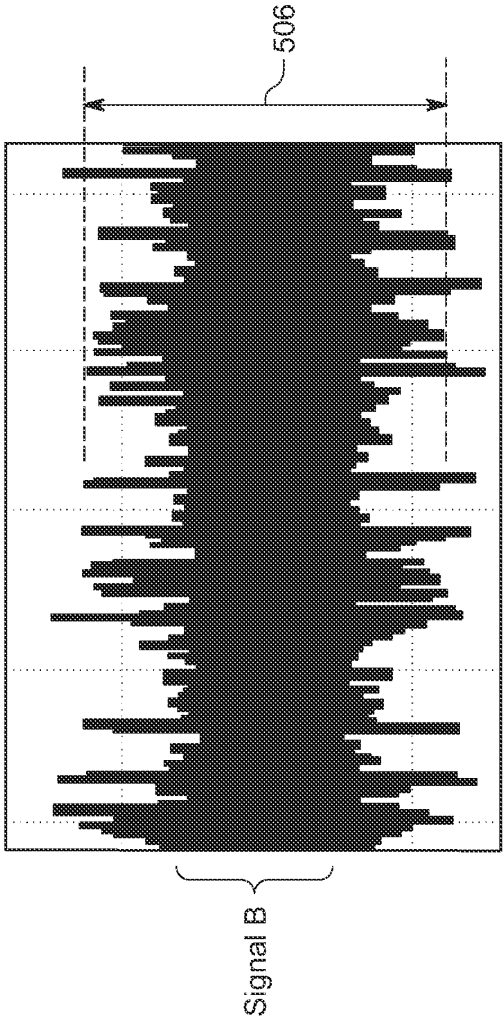


FIG. 5C

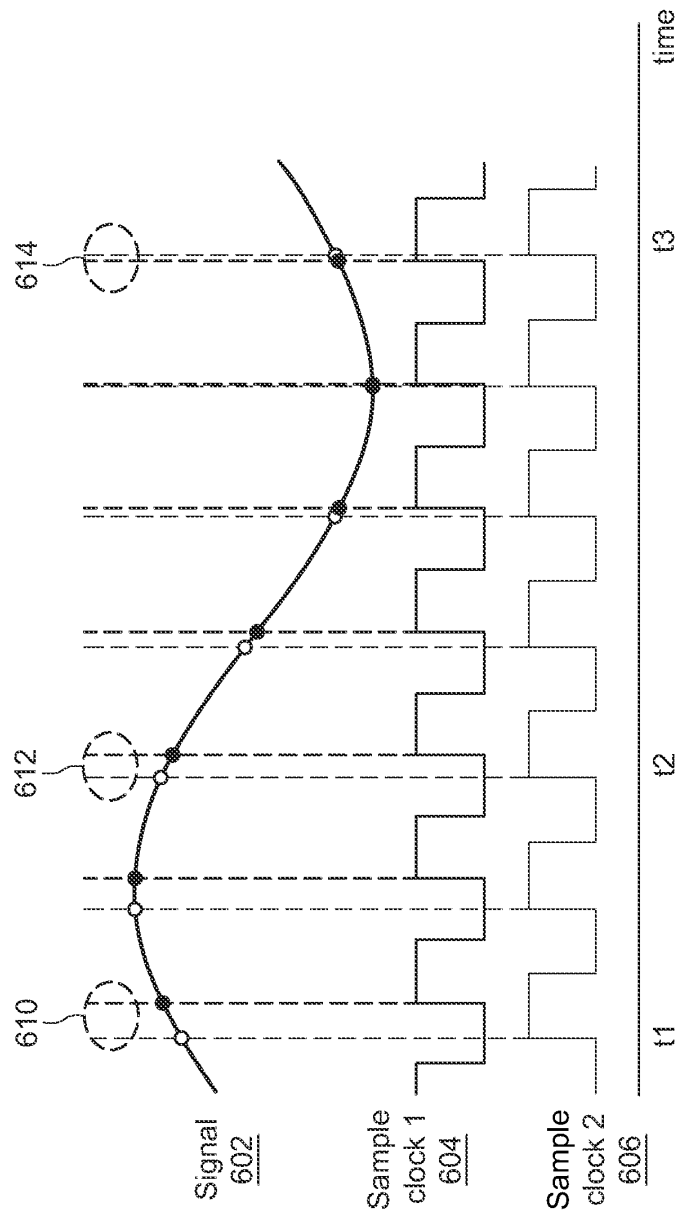


FIG. 6A

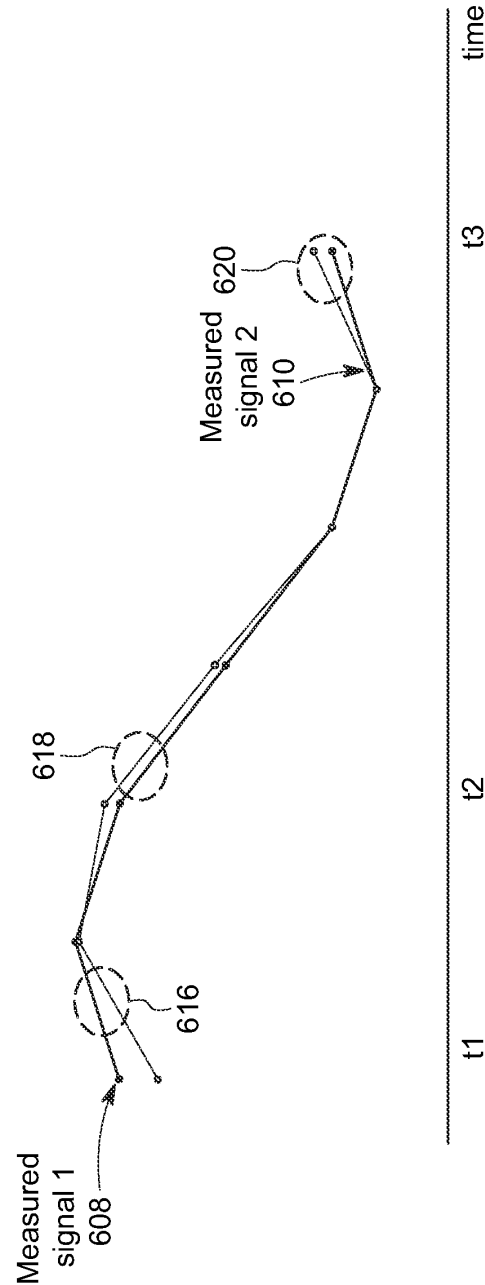


FIG. 6B

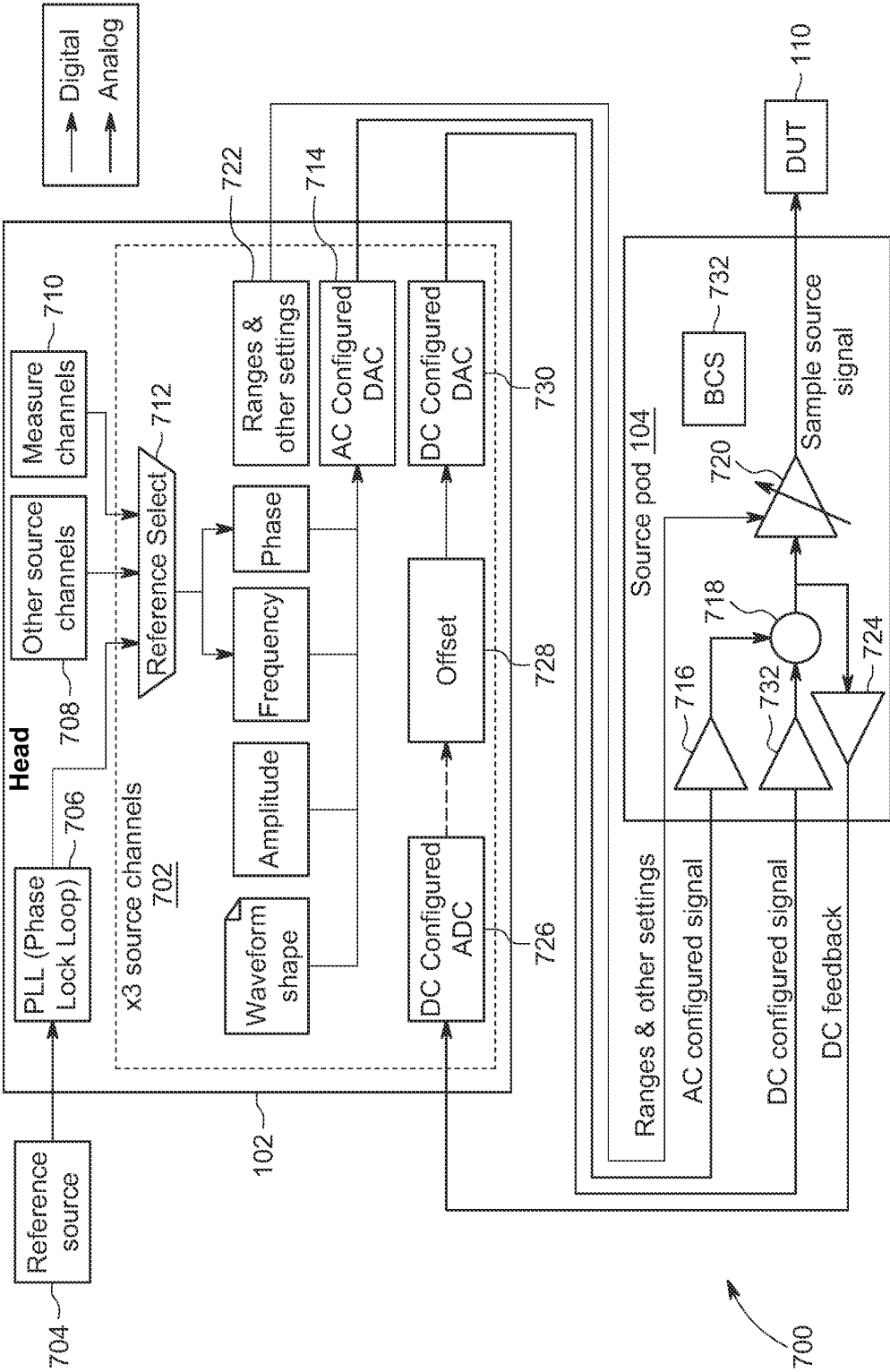


FIG. 7

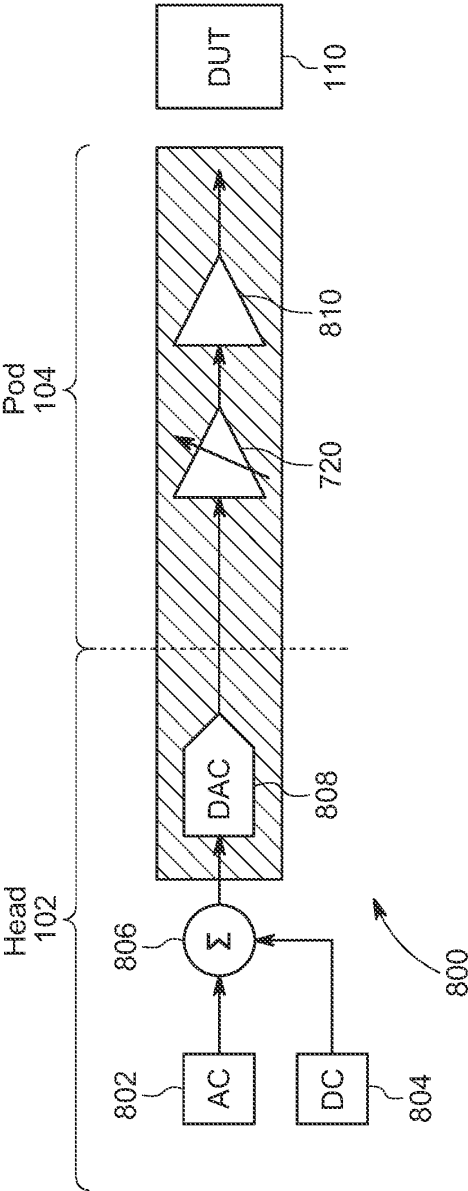


FIG. 8

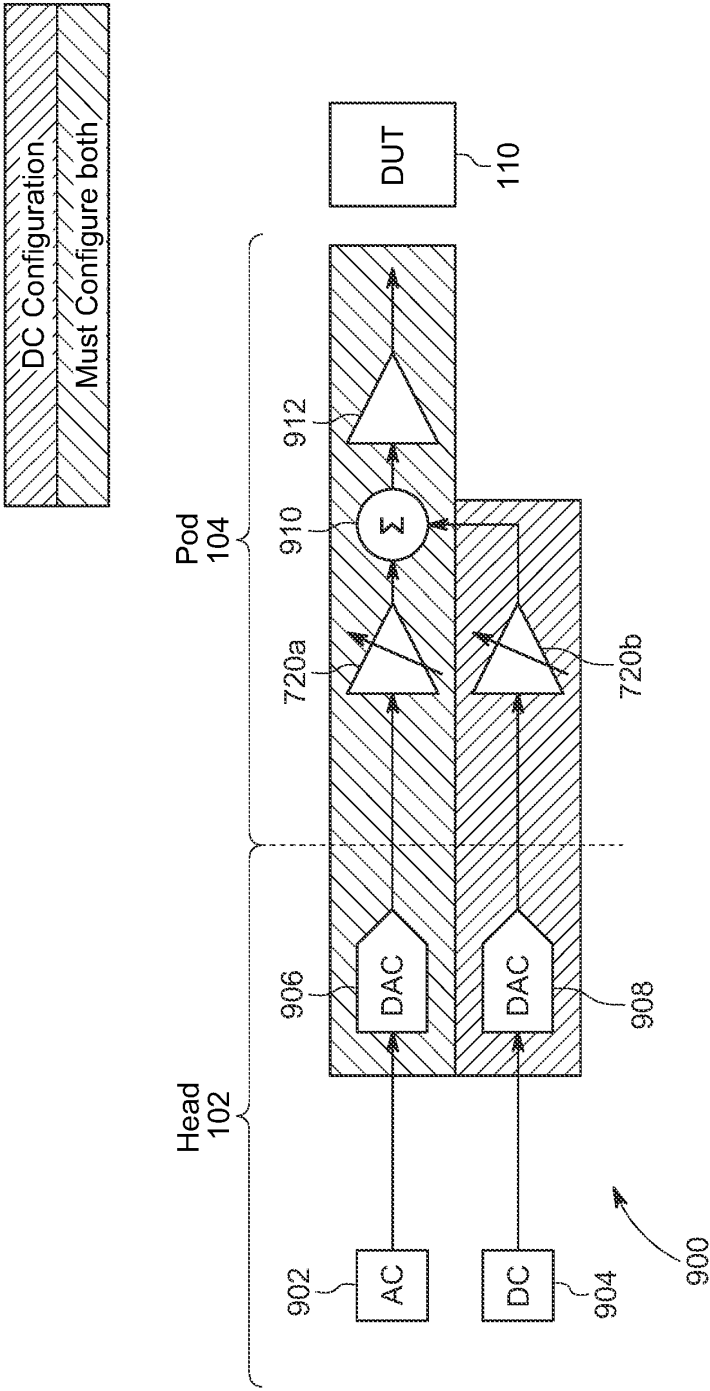


FIG. 9

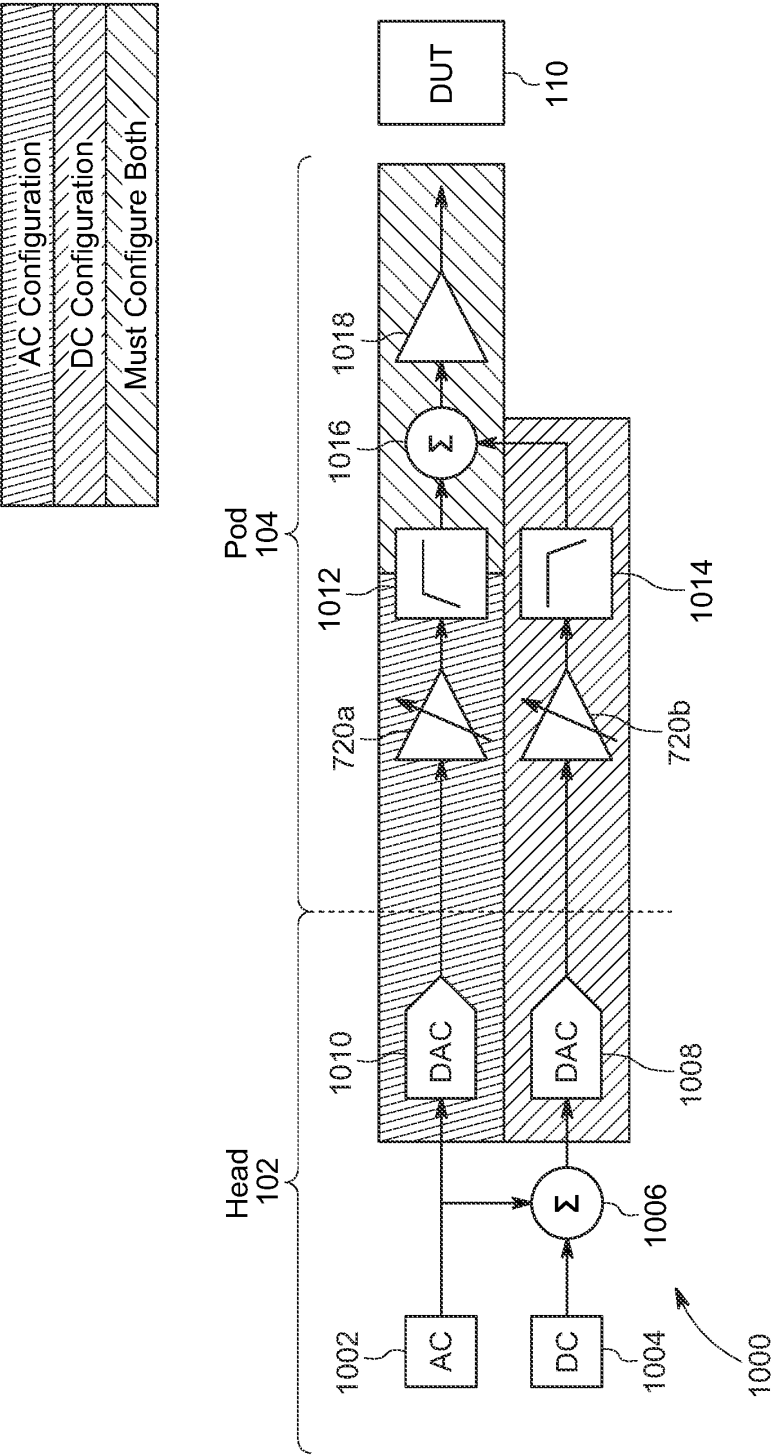


FIG. 10

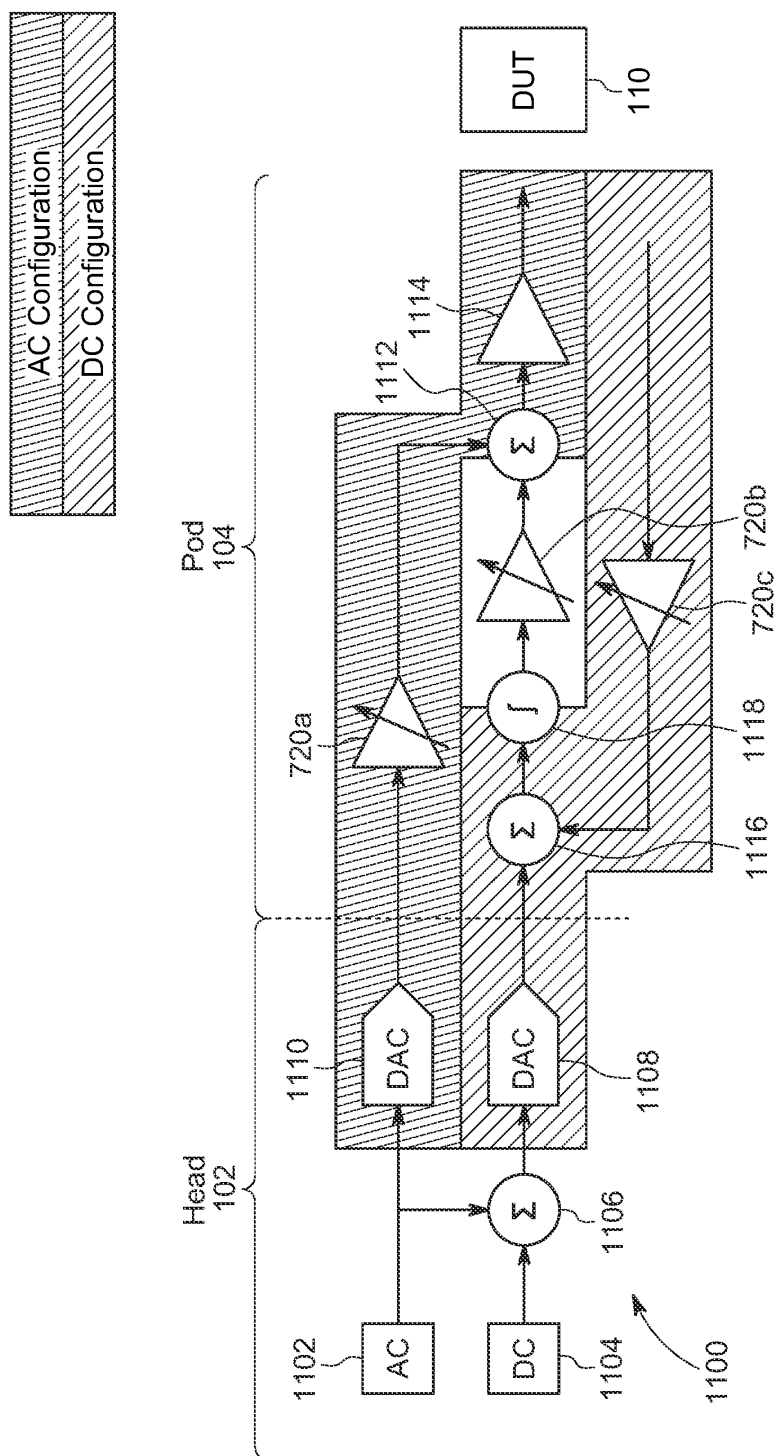


FIG. 11

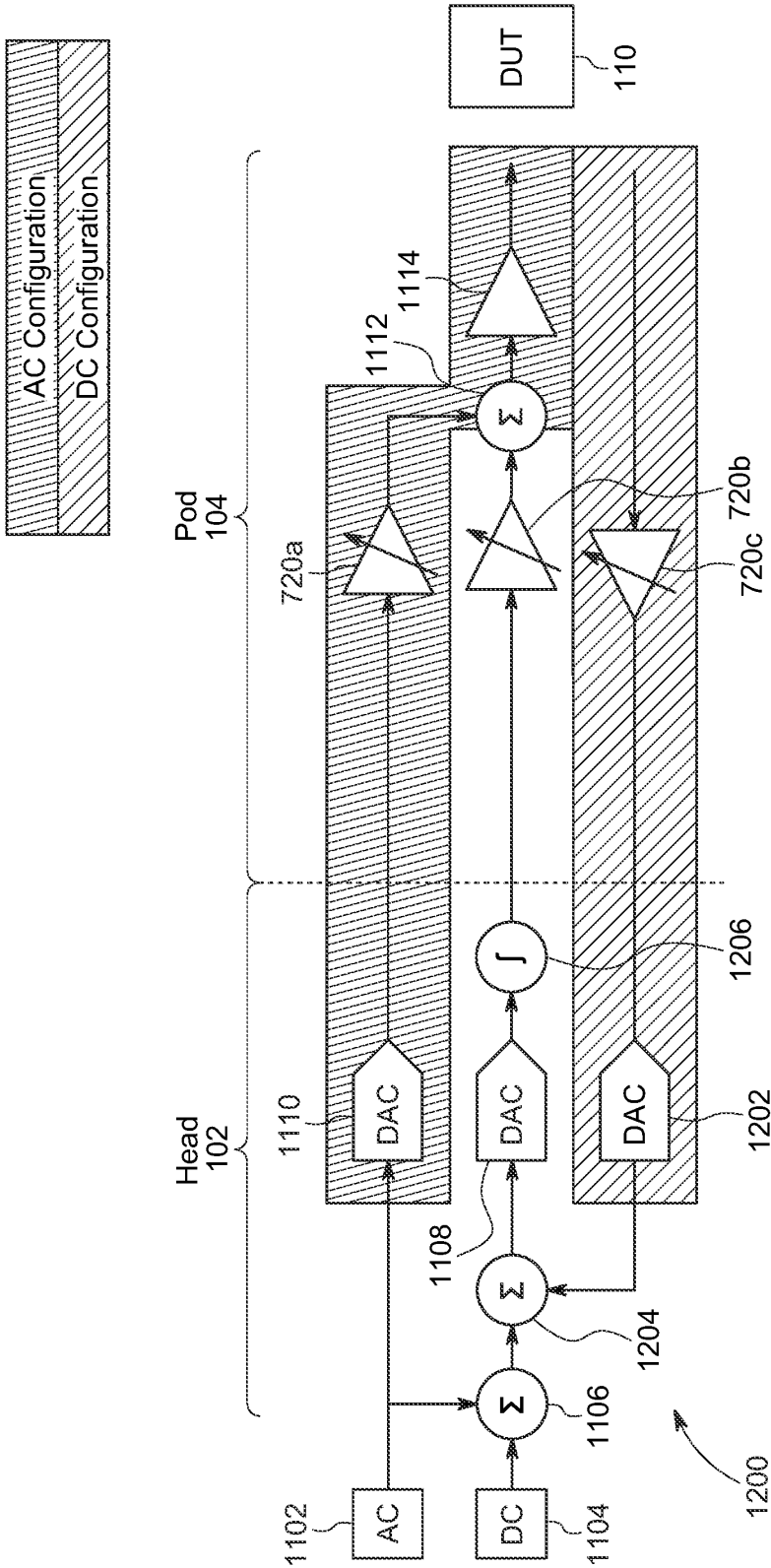


FIG. 12

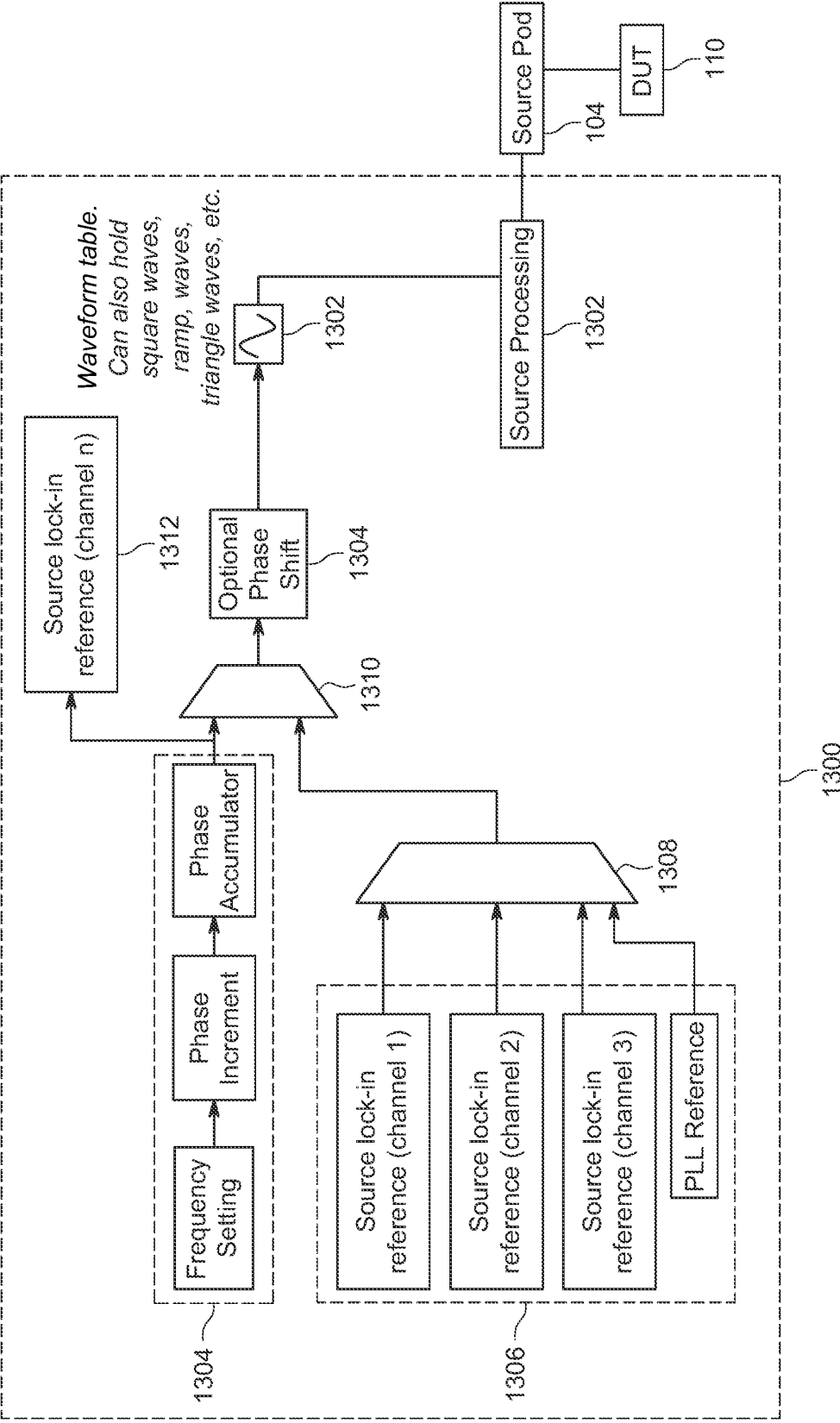


FIG. 13

Position	Output
0	0.000
1	0.500
2	0.866
3	1.000
4	0.866
5	0.500
6	0.000
7	-0.500
8	-0.866
9	-1.000
10	-0.866
11	-0.500

1400

FIG. 14

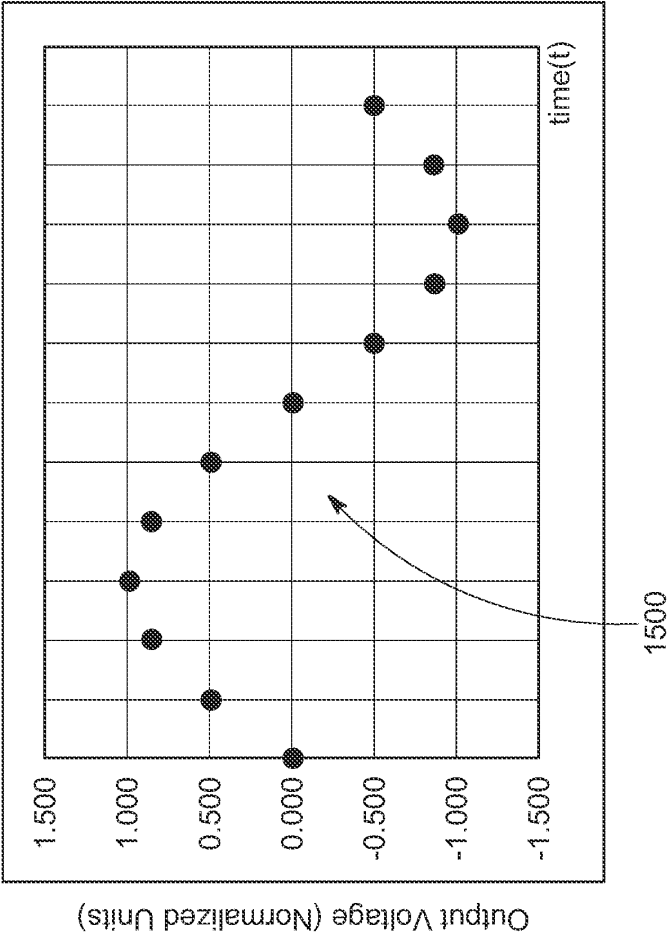


FIG. 15

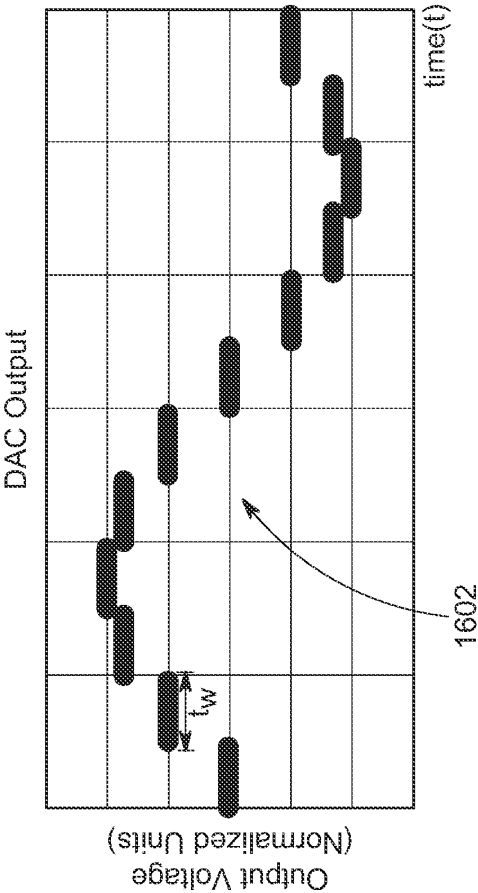


FIG. 16A

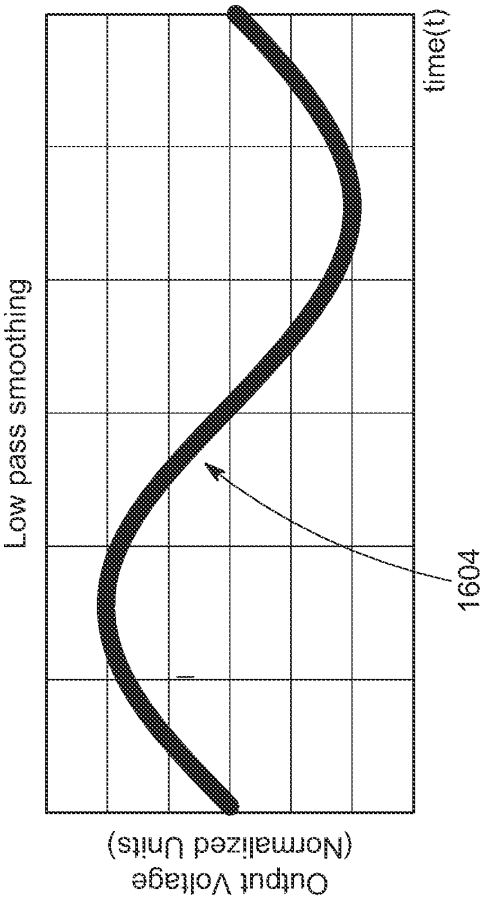


FIG. 16B

<i>features</i>	Enhanced Combination Source/Measure Pod	Voltage Measure Pod	Current Measure Pod
Measures voltage	✓	✓	
Measures current	✓		✓
Lowest noise		✓	✓
Analog filters		✓	✓
Seamless ranging		✓	
DC up to	100 kHz	100 kHz	100 kHz
Measure span	nV – 10 V or pA – 100 mA	nV – 10 V	pA – 100 mA

FIG. 17

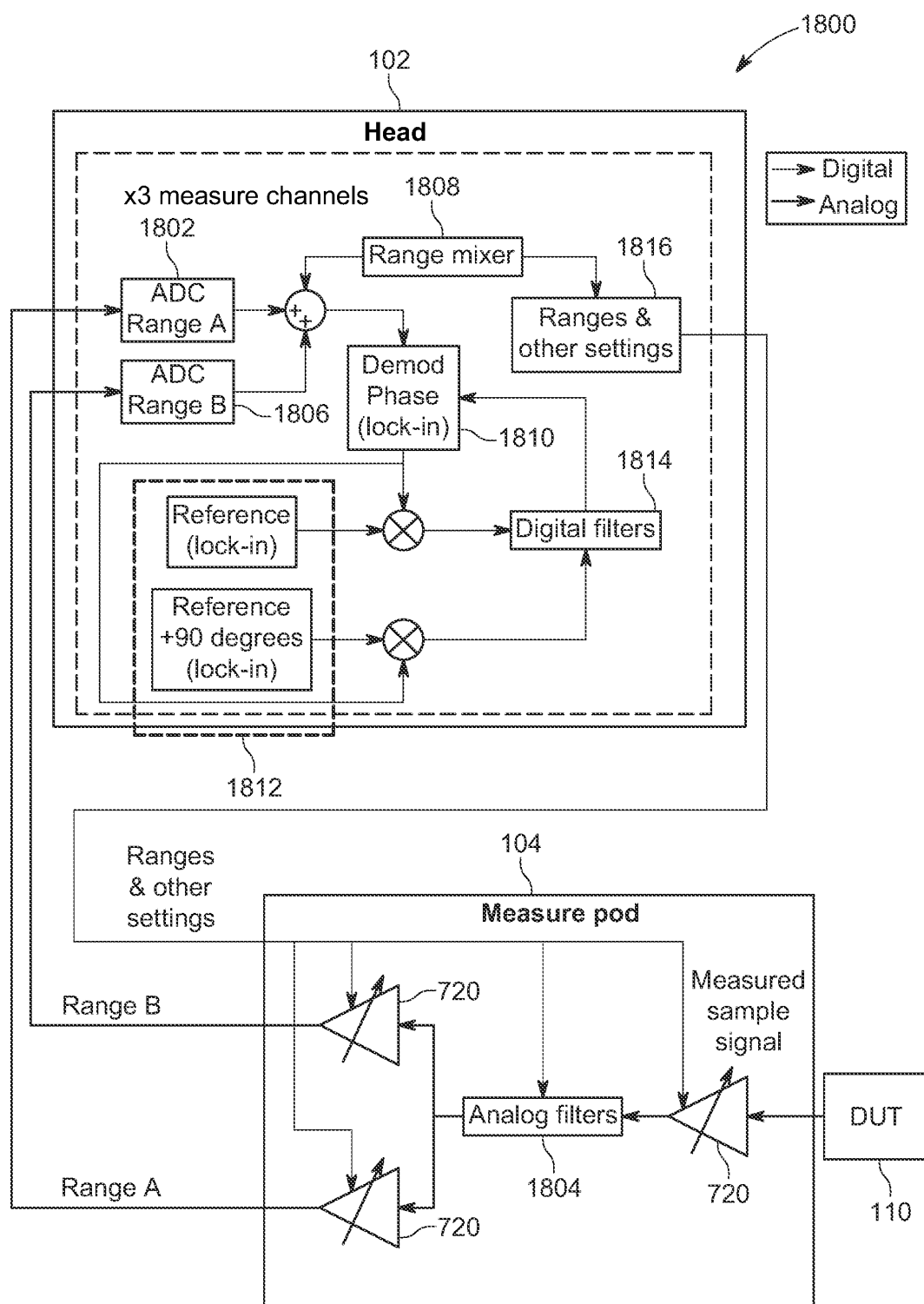


FIG. 18

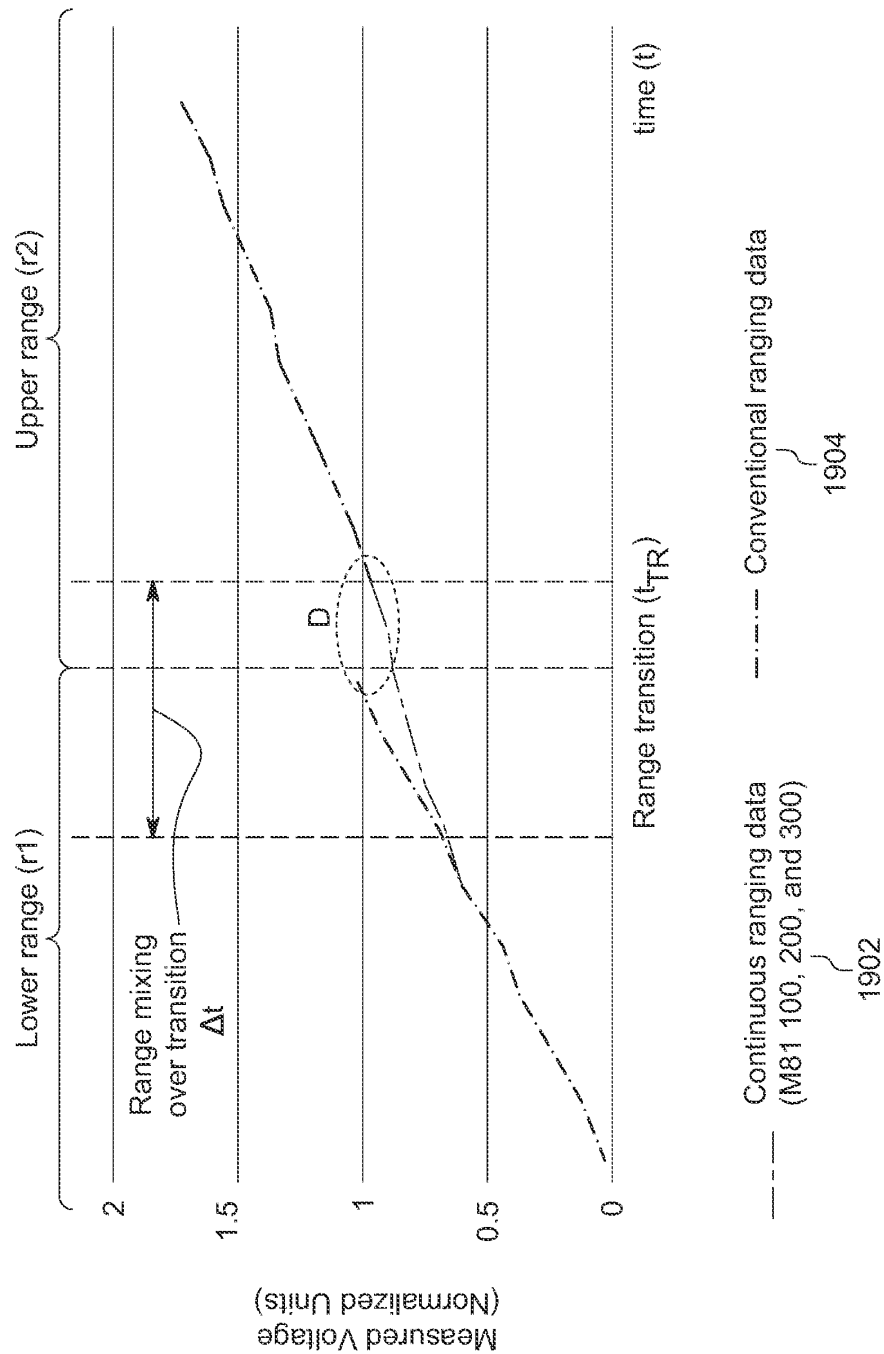


FIG. 19

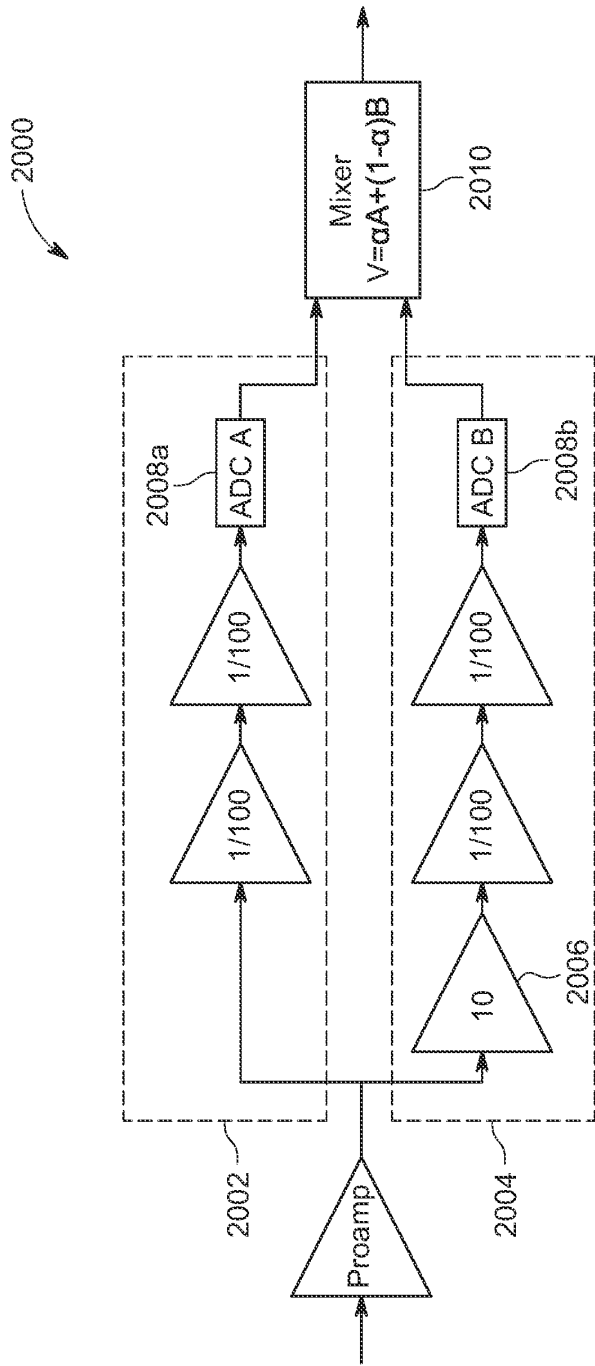


FIG. 20

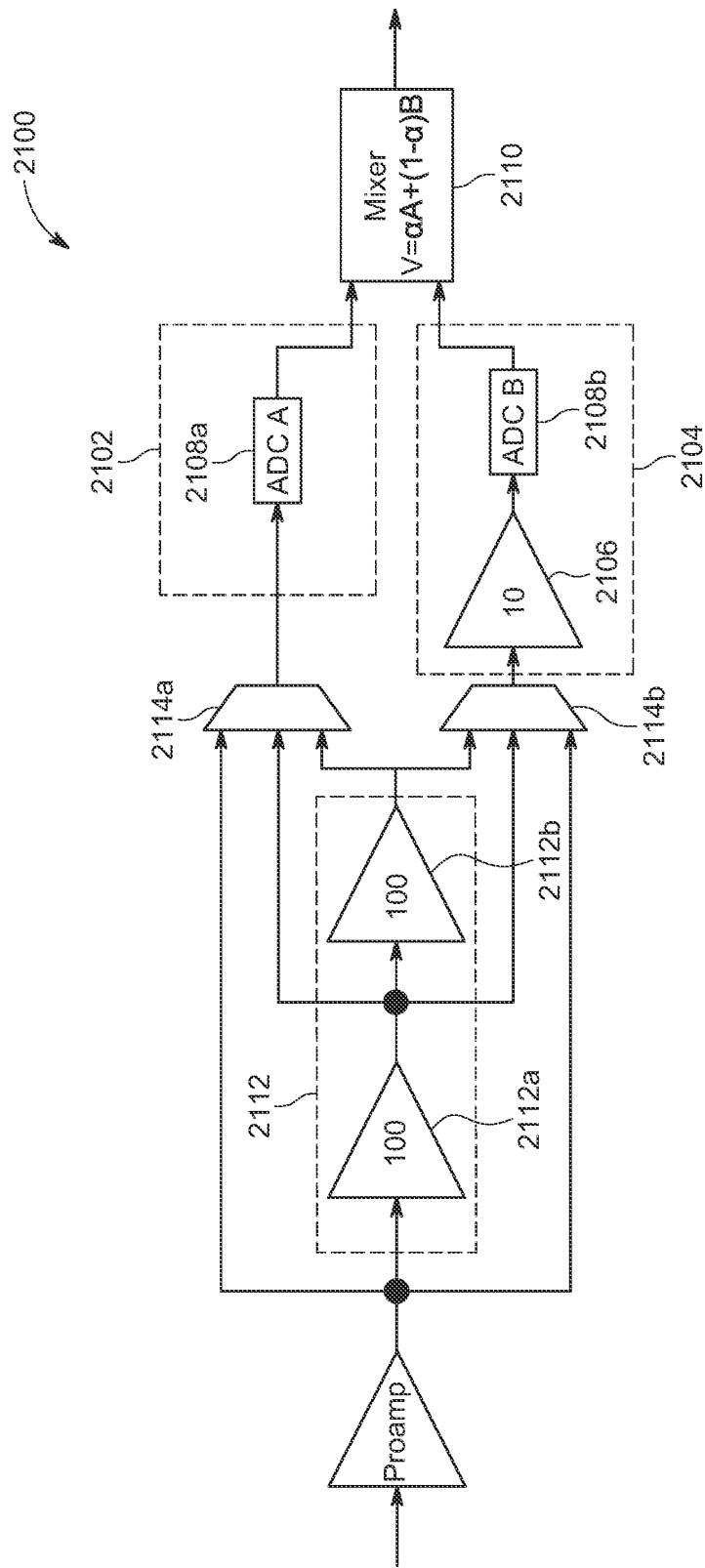
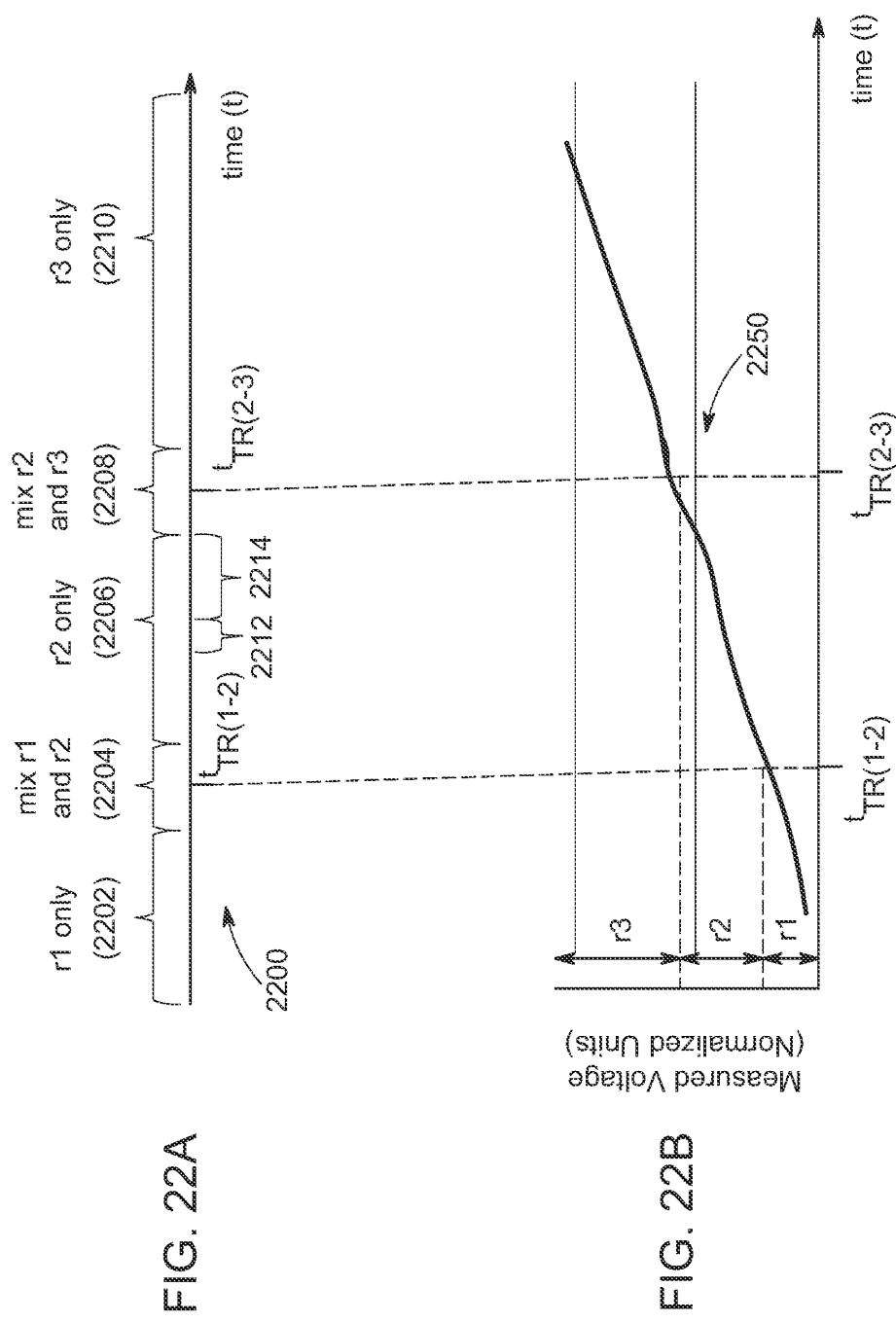


FIG. 21



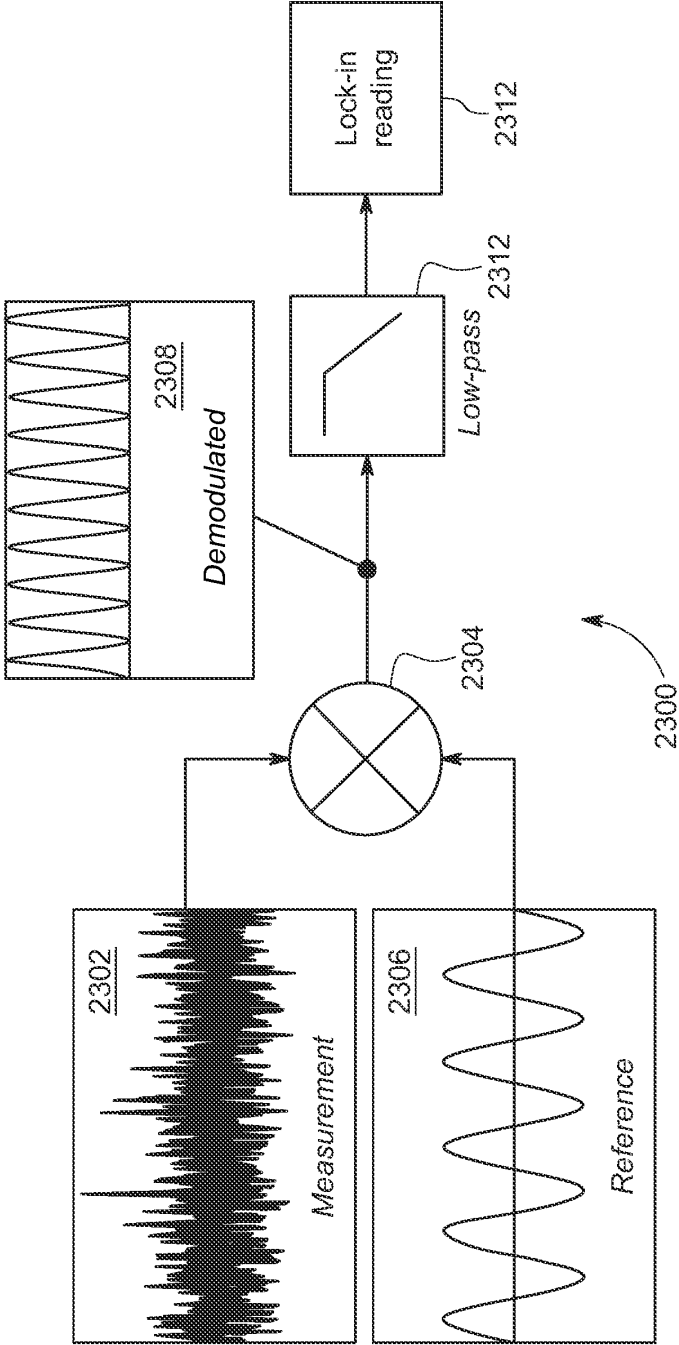


FIG. 23

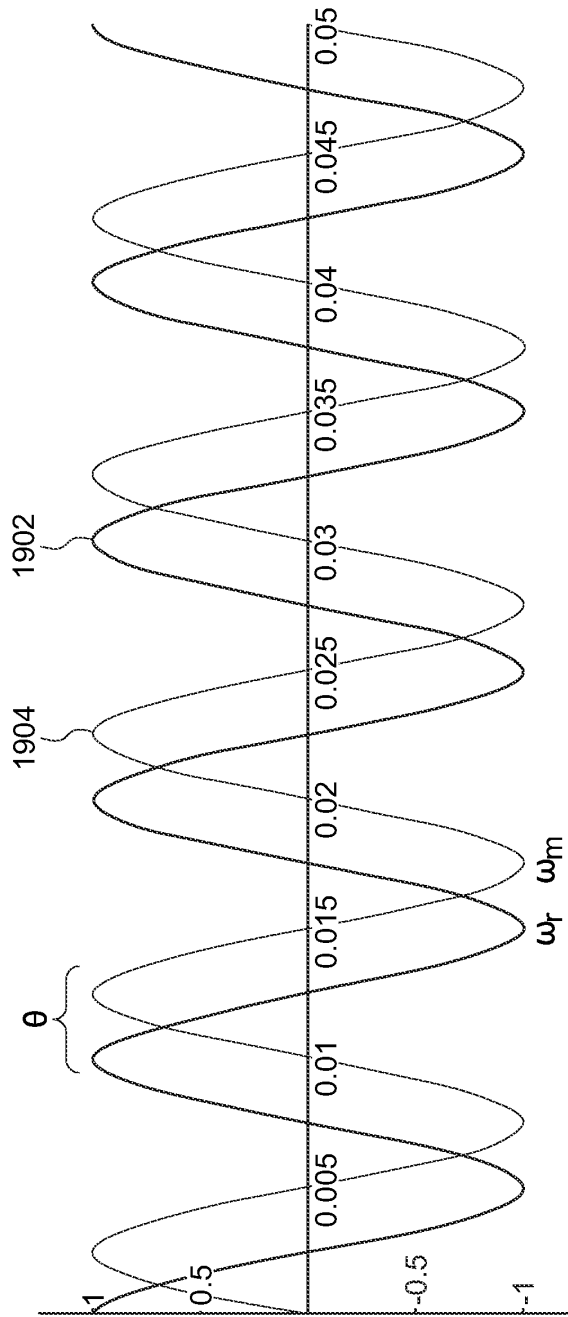


FIG. 24

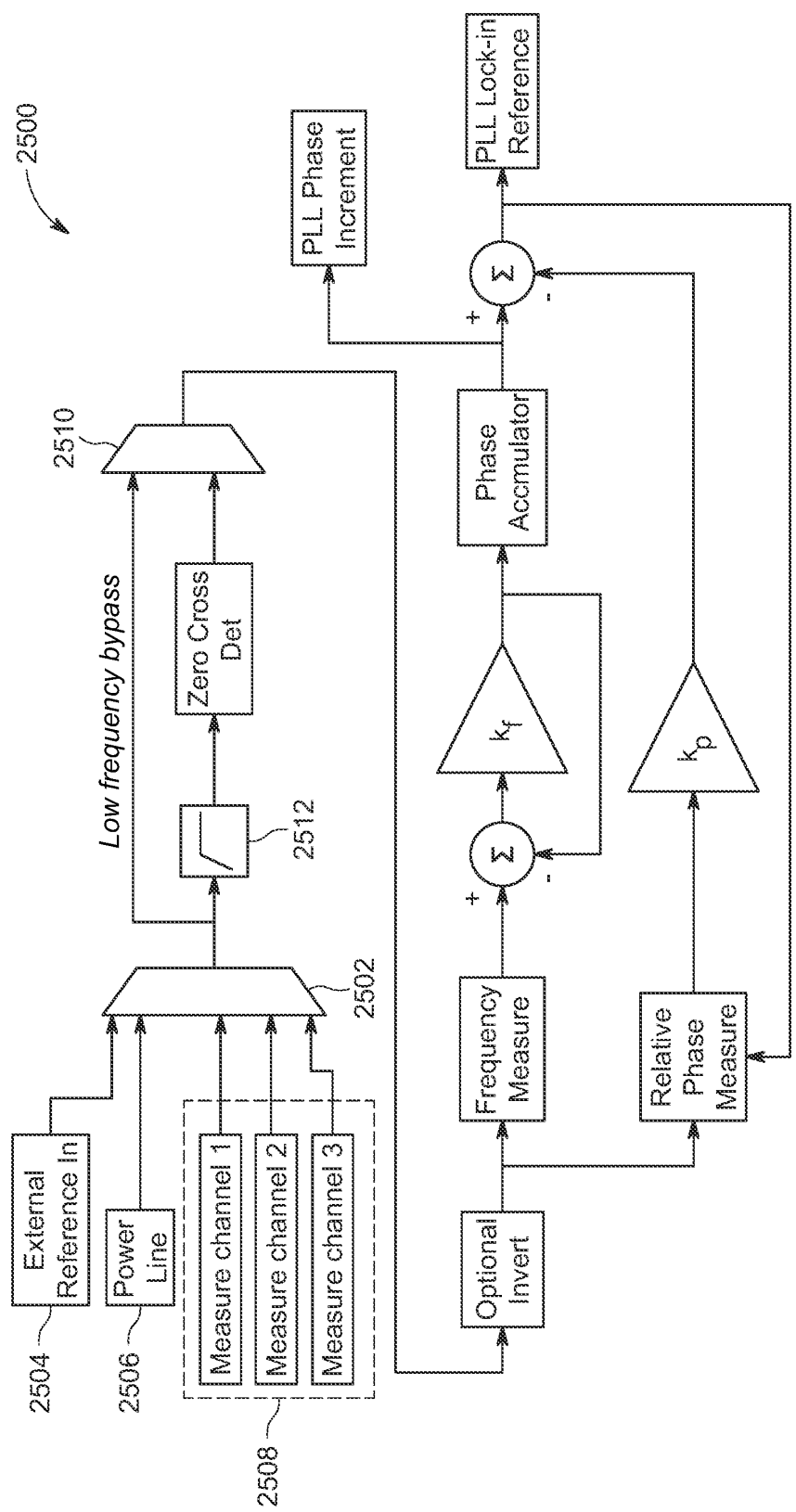


FIG. 25

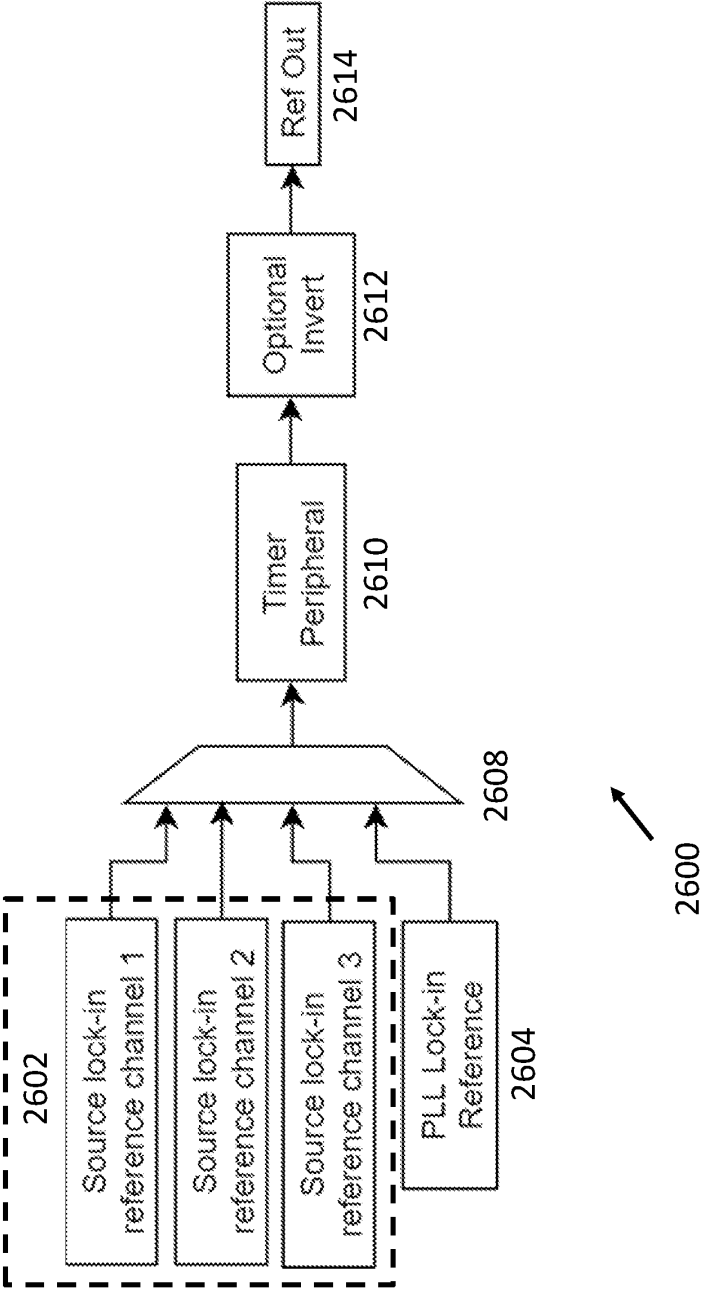
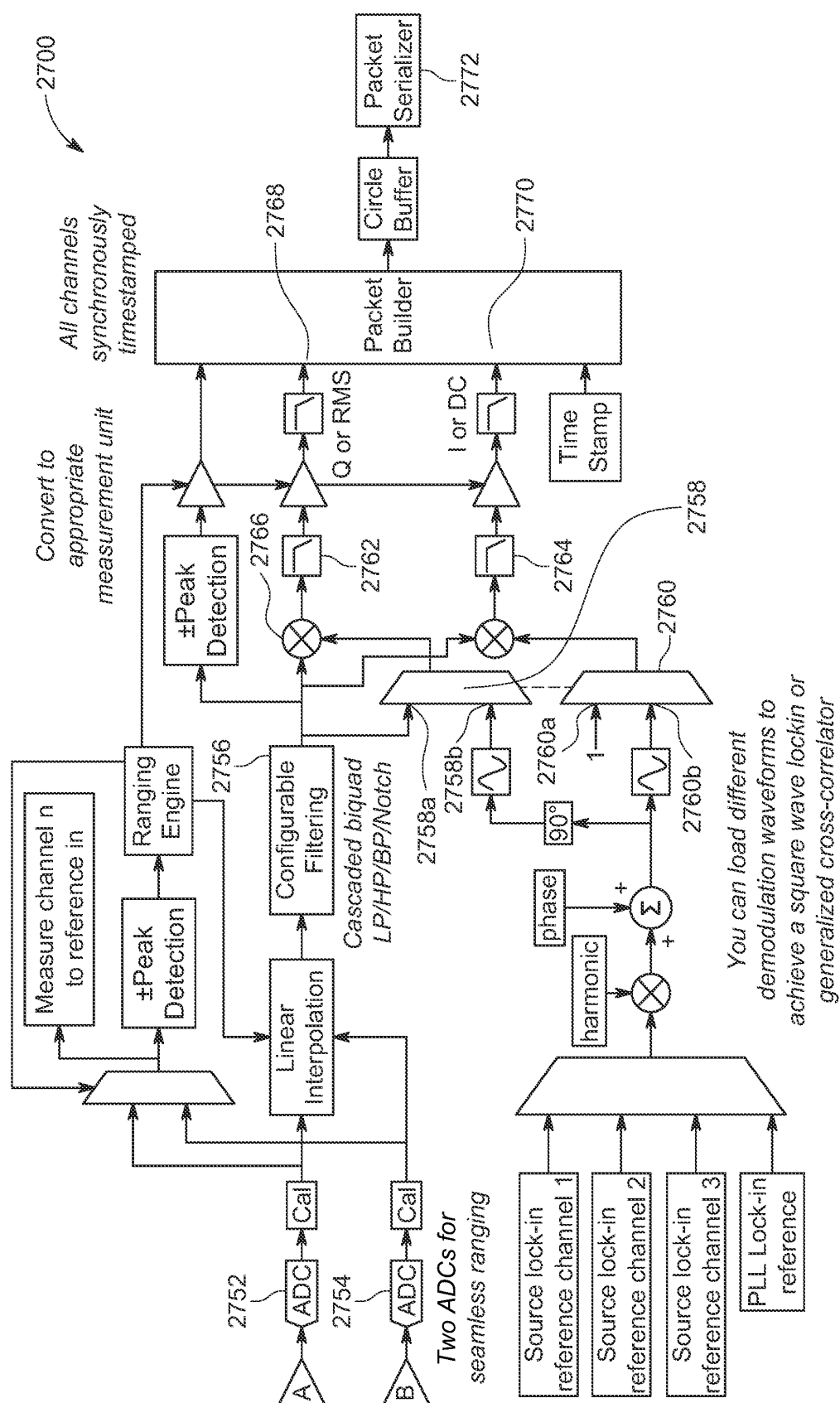


FIG. 26



27

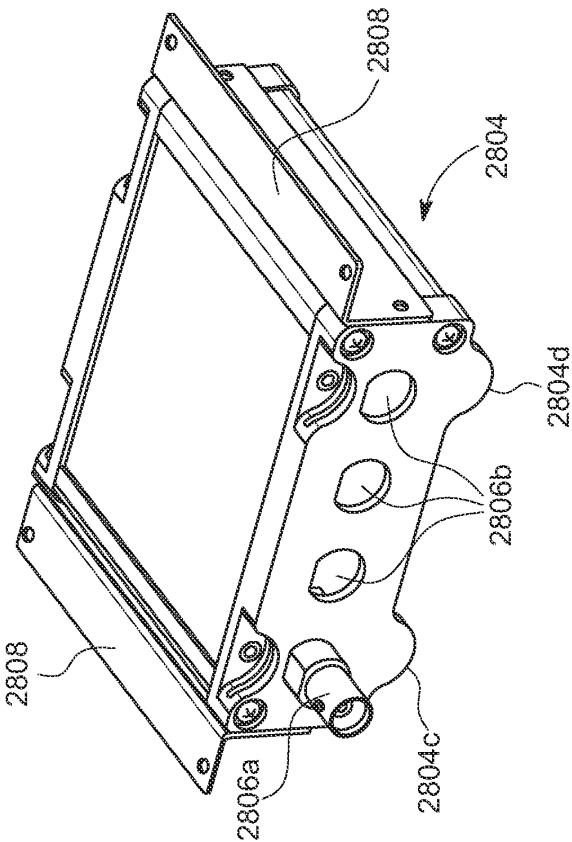


FIG. 28B

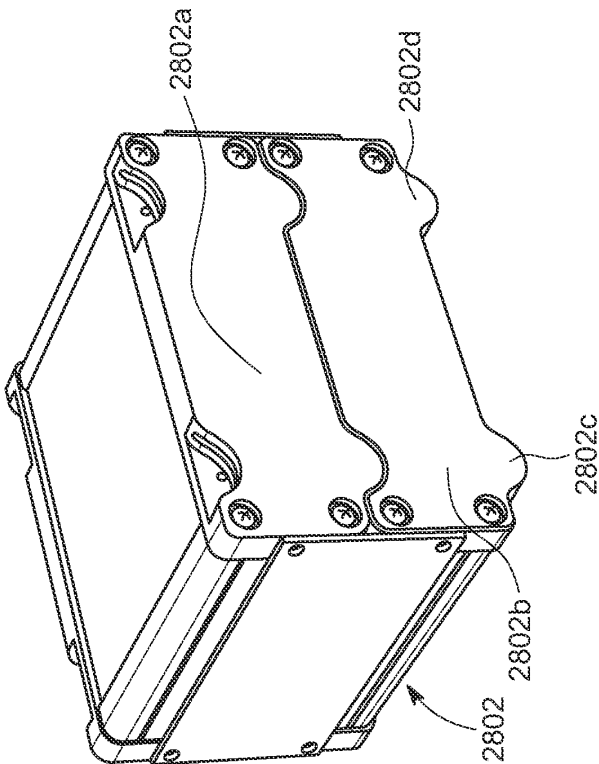


FIG. 28A

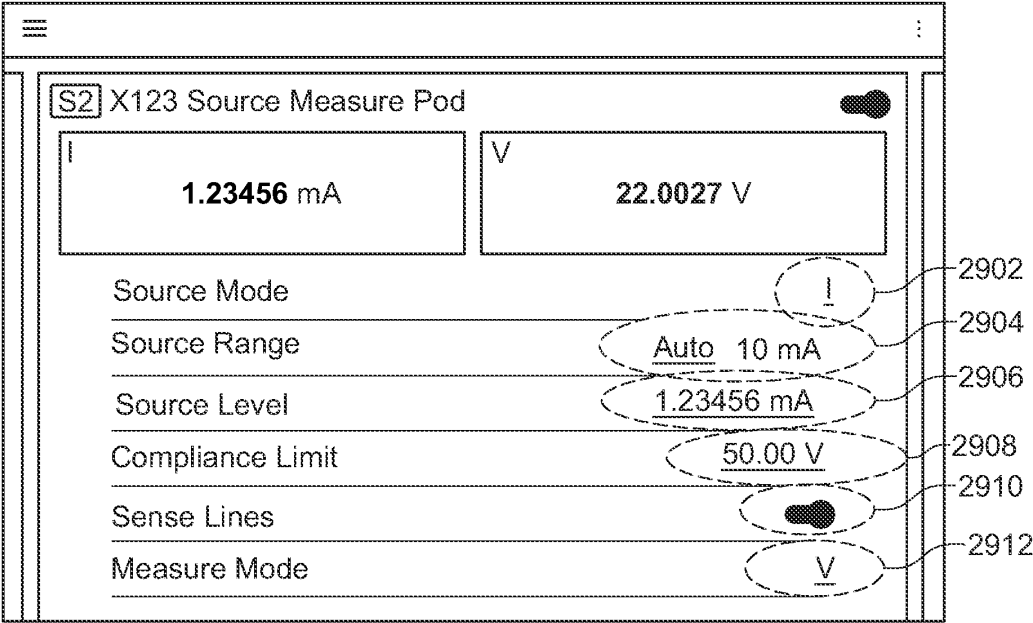


FIG. 29A

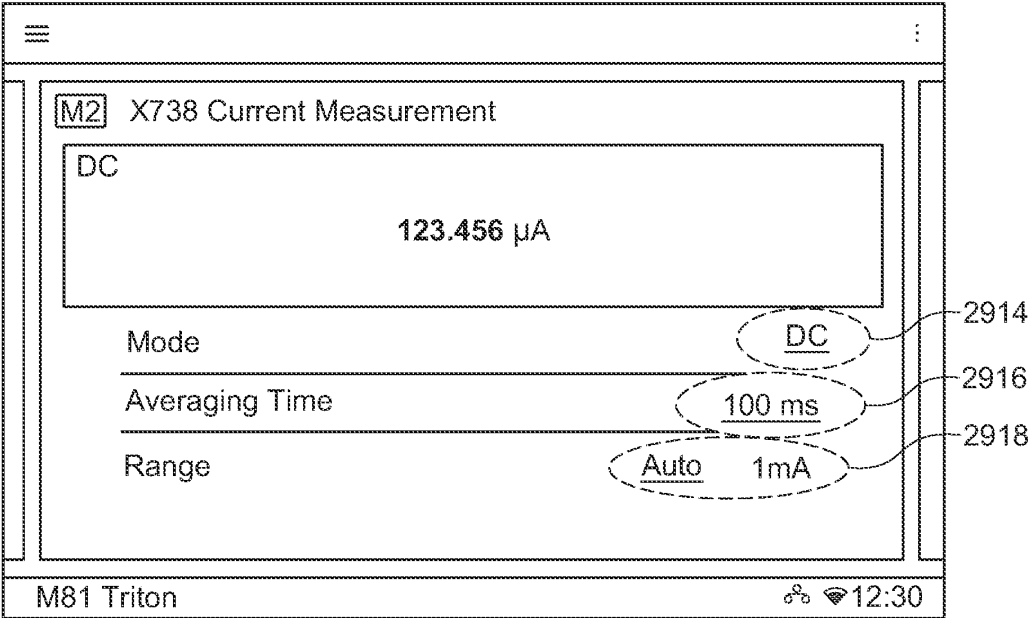


FIG. 29B