

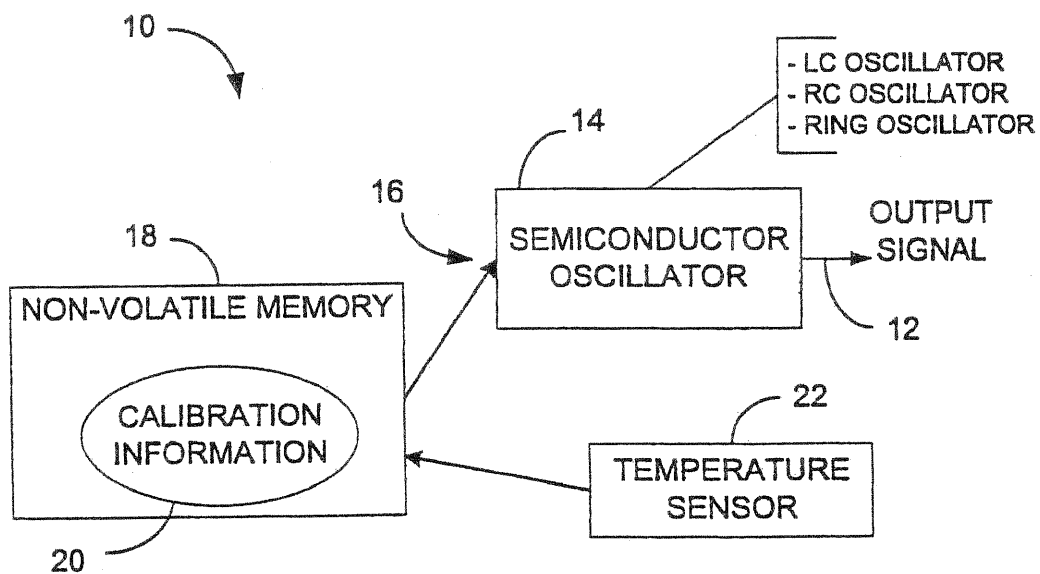
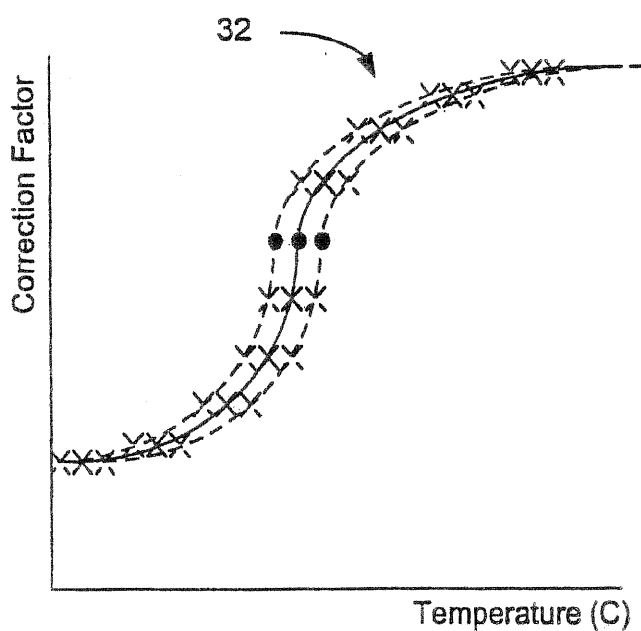
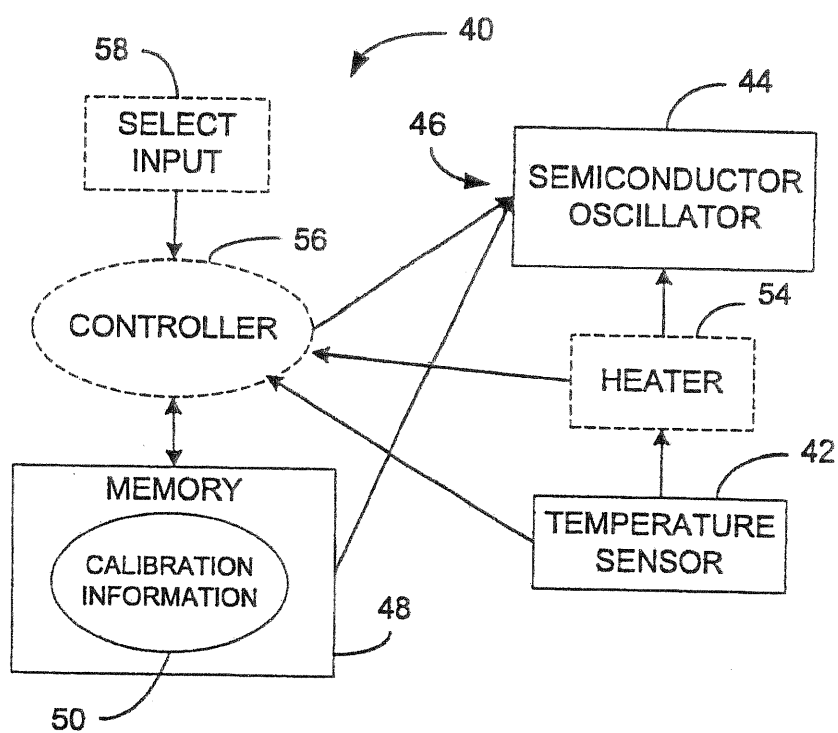
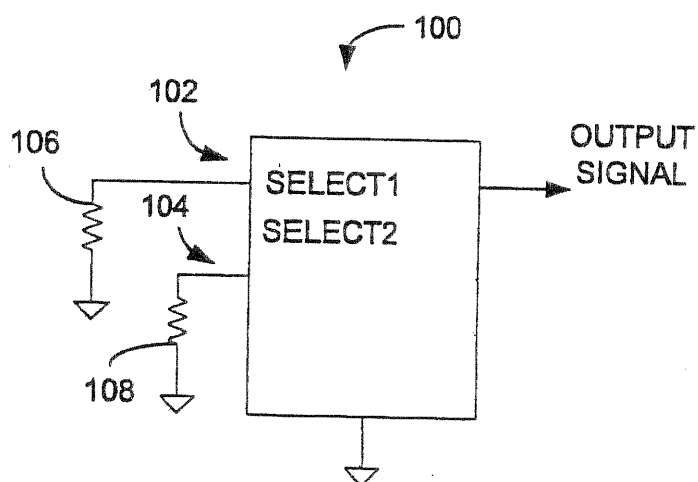
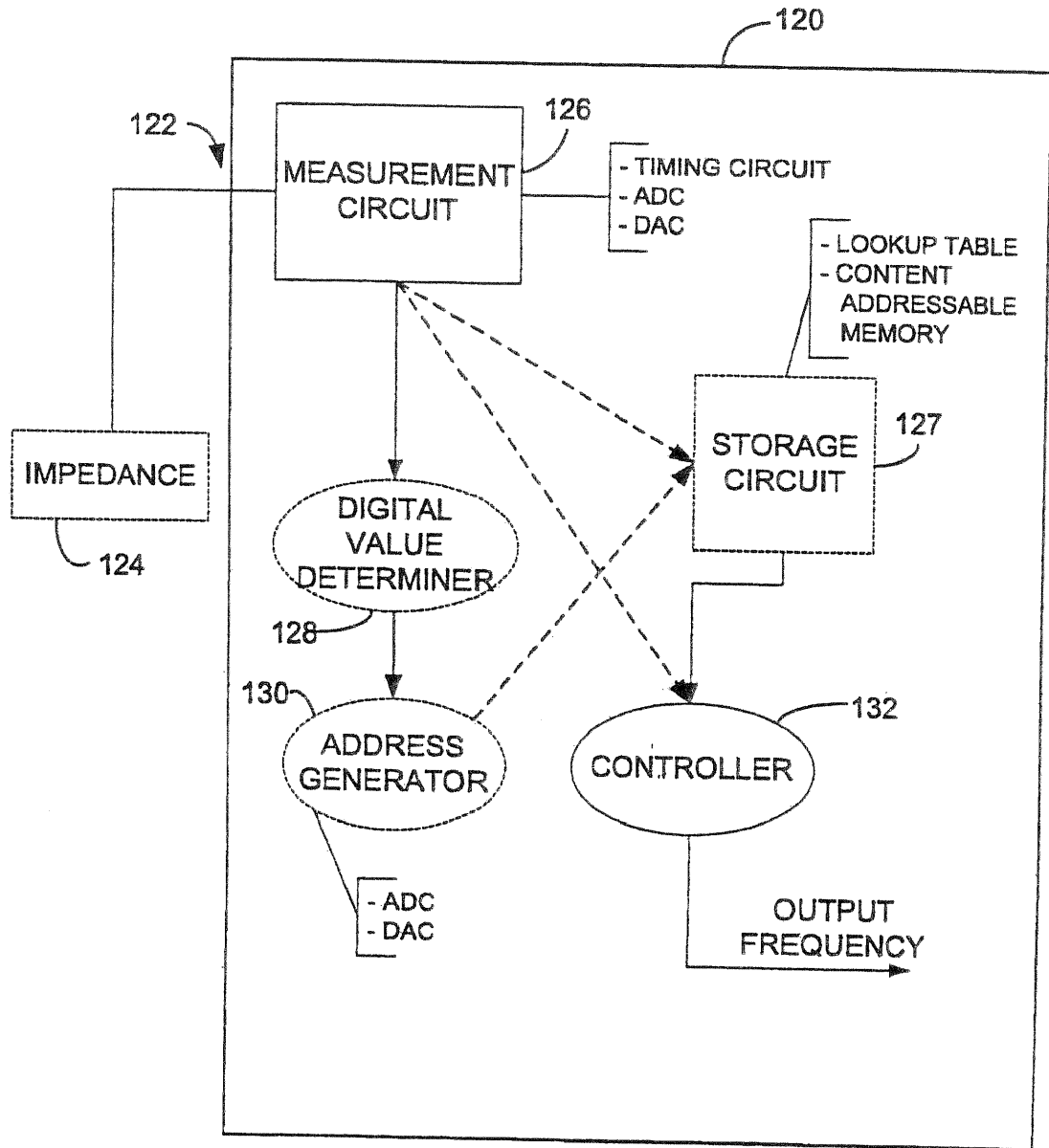
**FIG. 1**

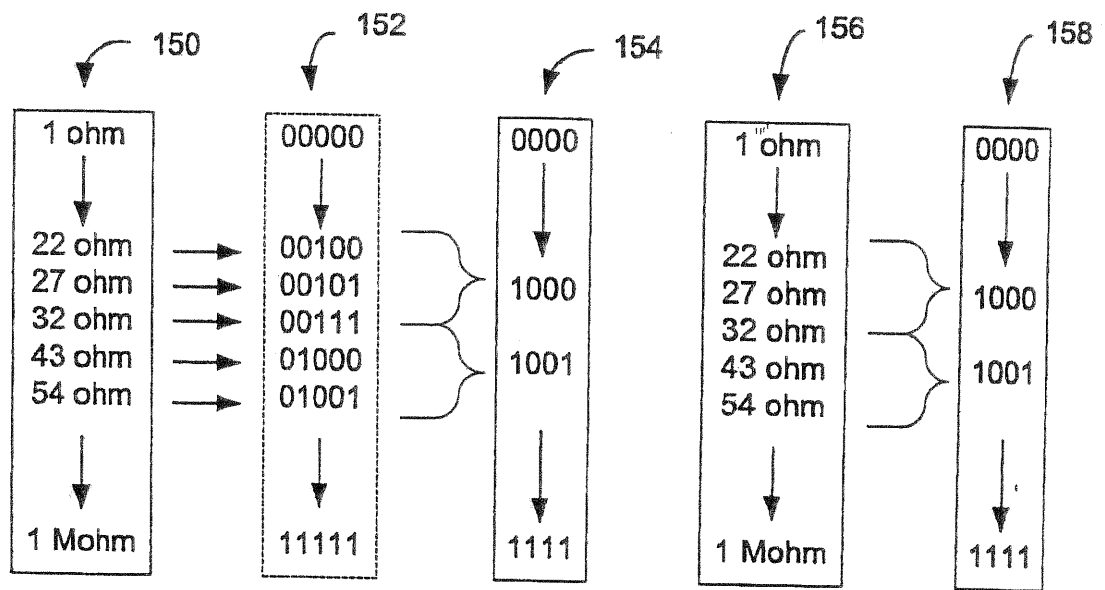
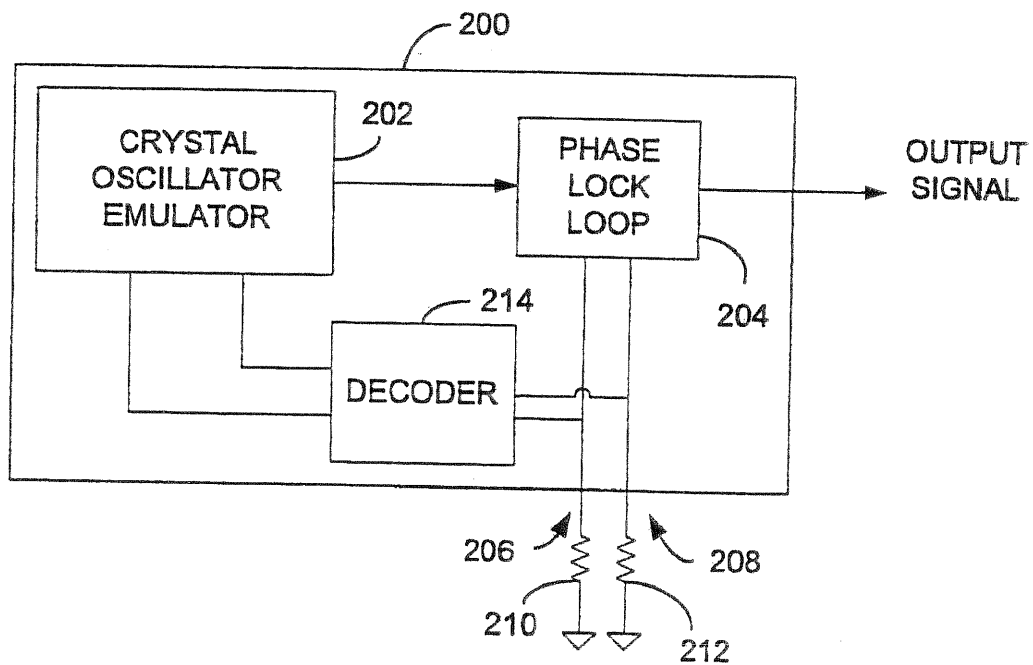
FIG. 2 is a table 30 showing calibration data:

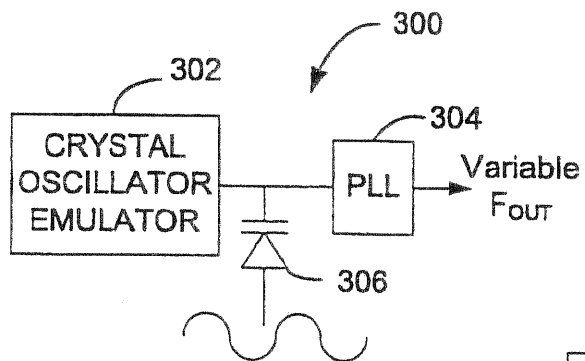
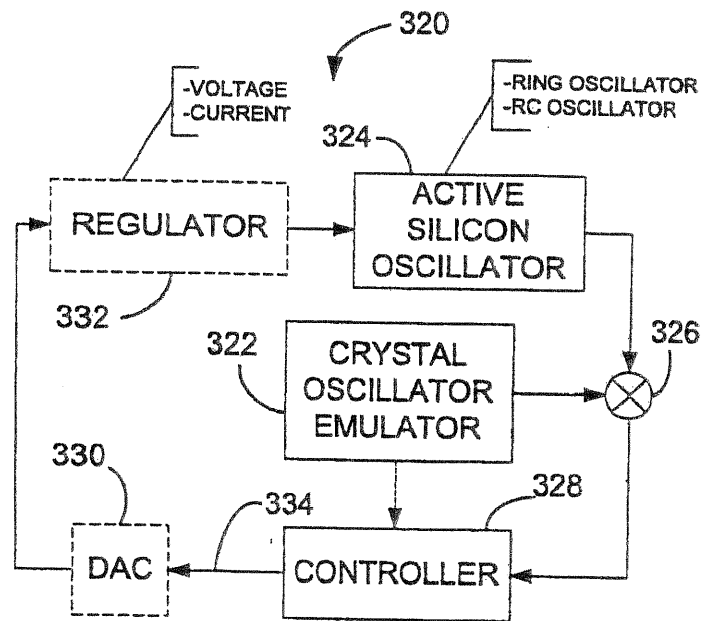
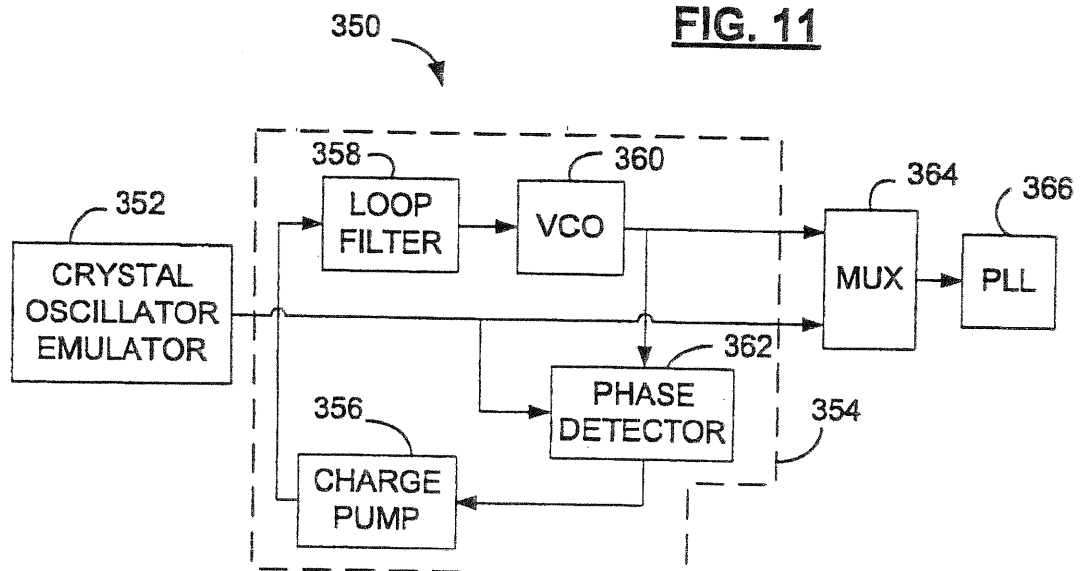
Temperature Change (C)	Correction Factor
100	1.48
90	
80	
70	
60	1.21
.	
.	
.	
10	0.92
0	
-10	
-20	0.83

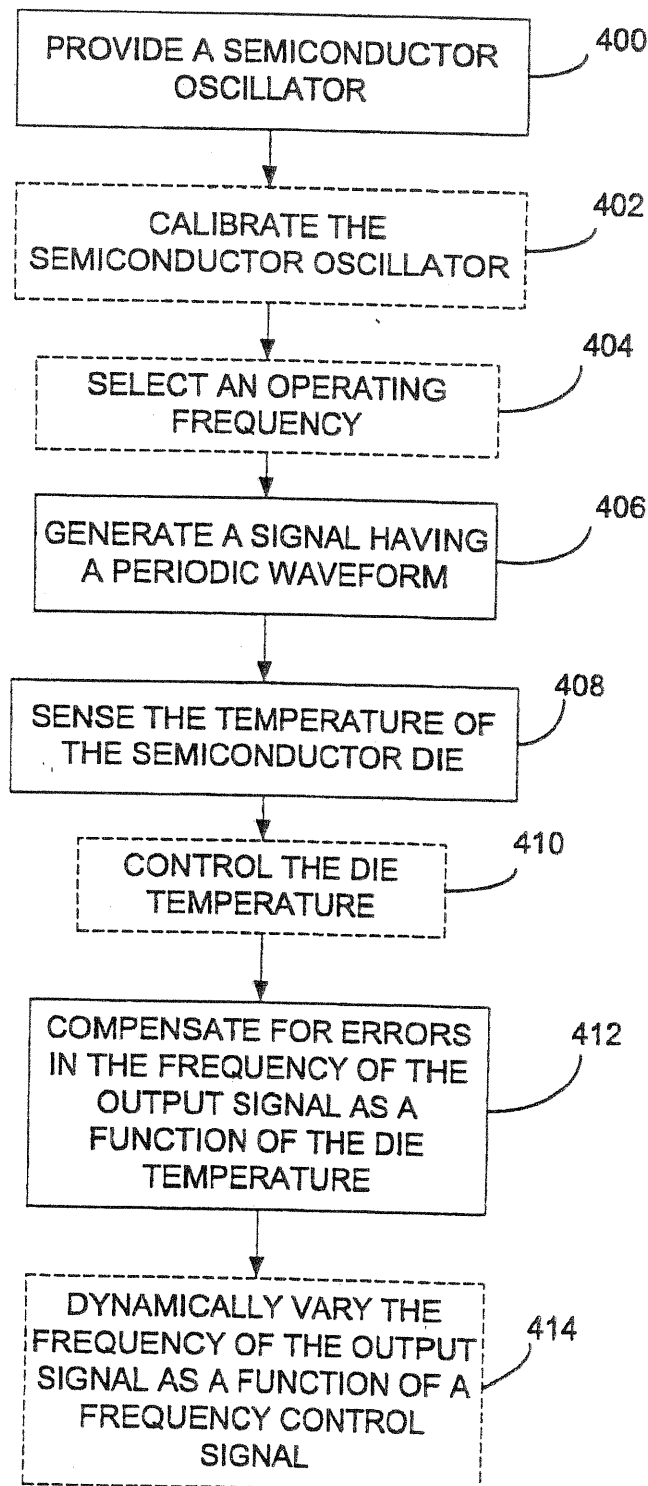
FIG. 2**FIG. 3**

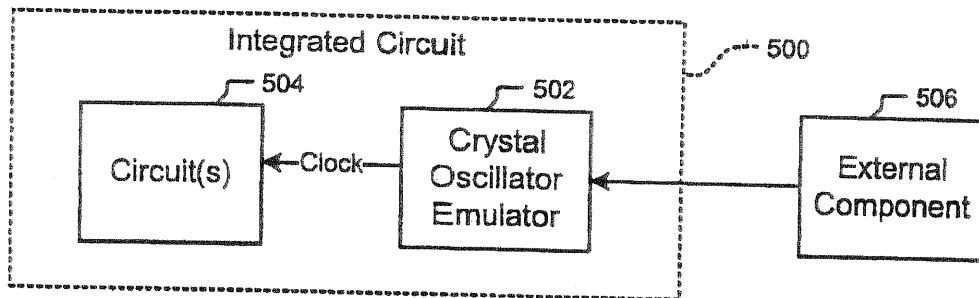
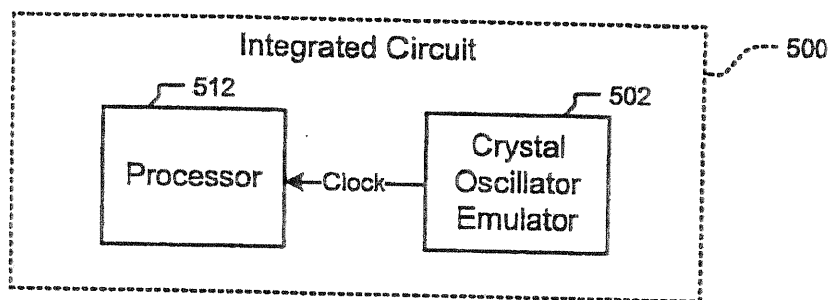
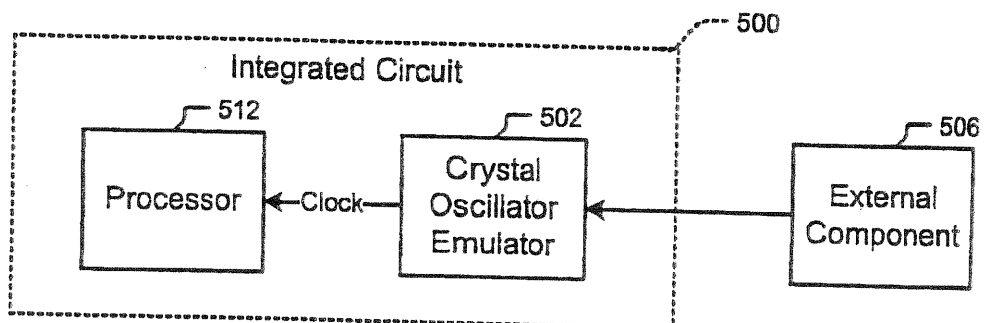
**FIG. 4****FIG. 5**

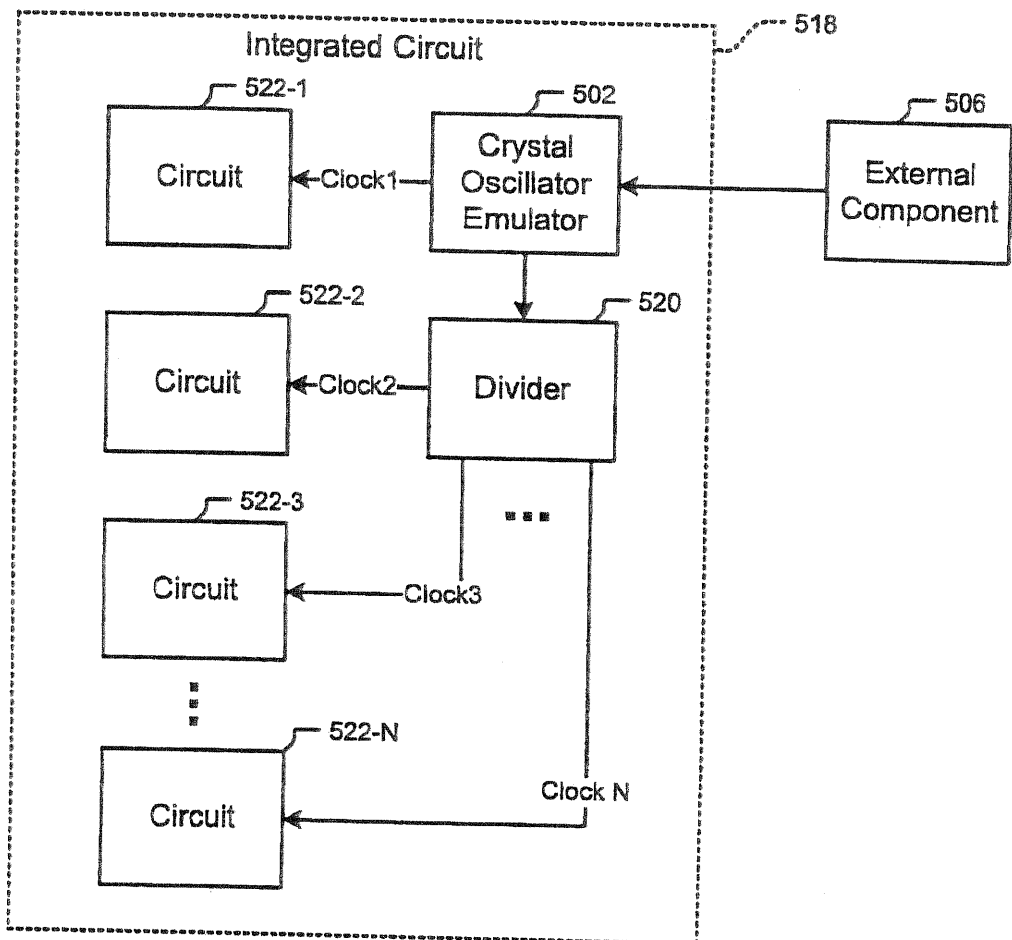
**FIG. 6**

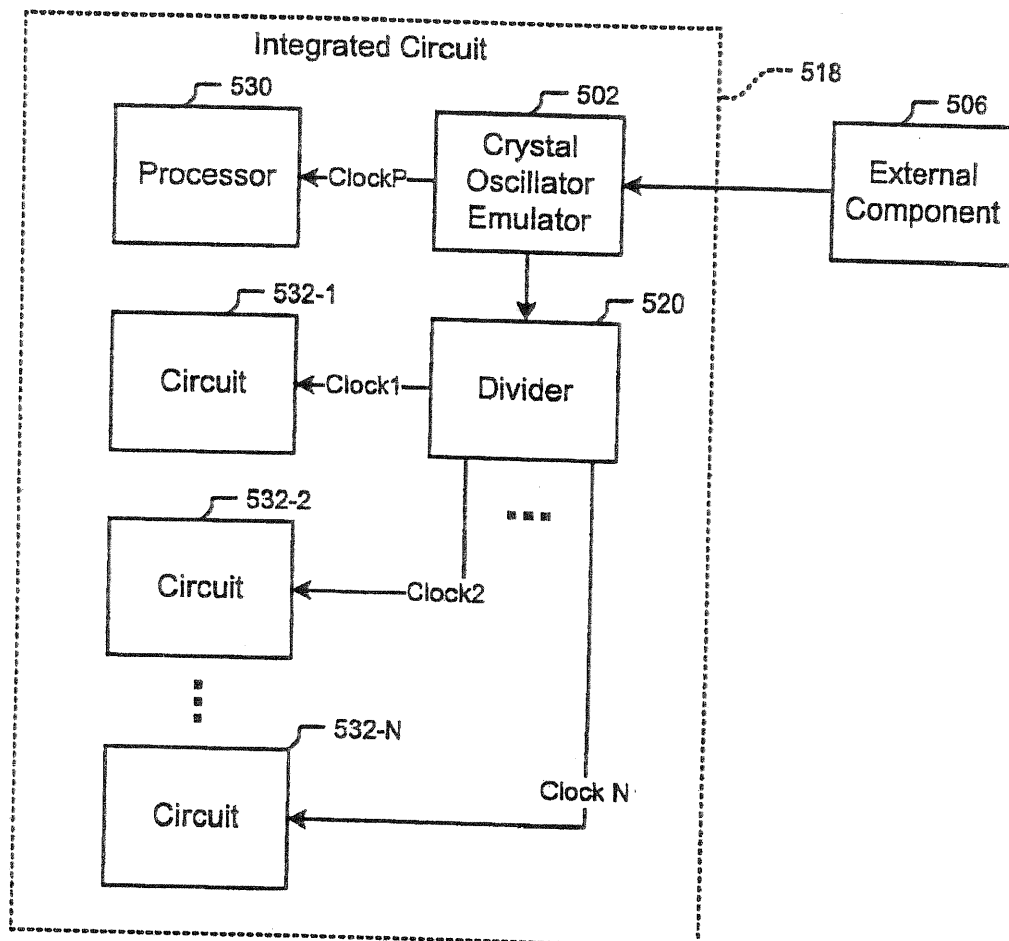
**FIG. 7A****FIG. 7B****FIG. 8**

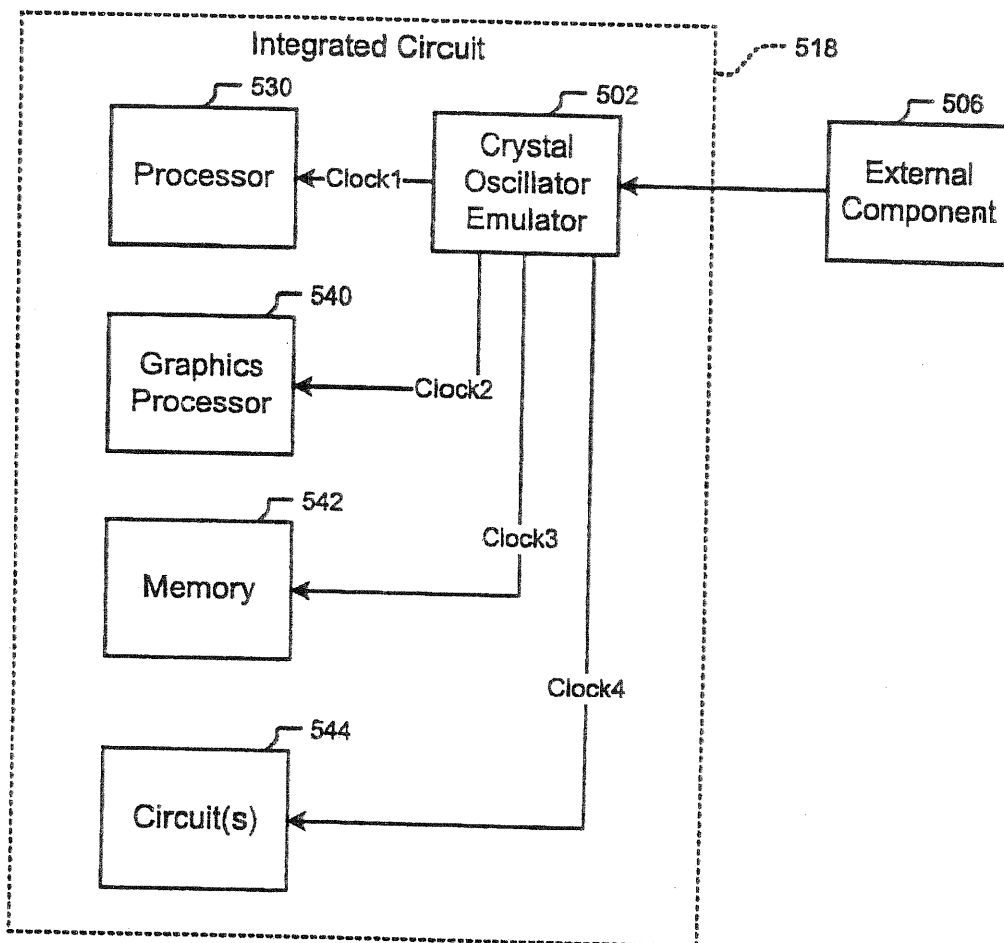
**FIG. 9****FIG. 11****FIG. 12**

**FIG. 10**

**FIG. 13****FIG. 14****FIG. 15**

**FIG. 16**

**FIG. 17**

**FIG. 18**

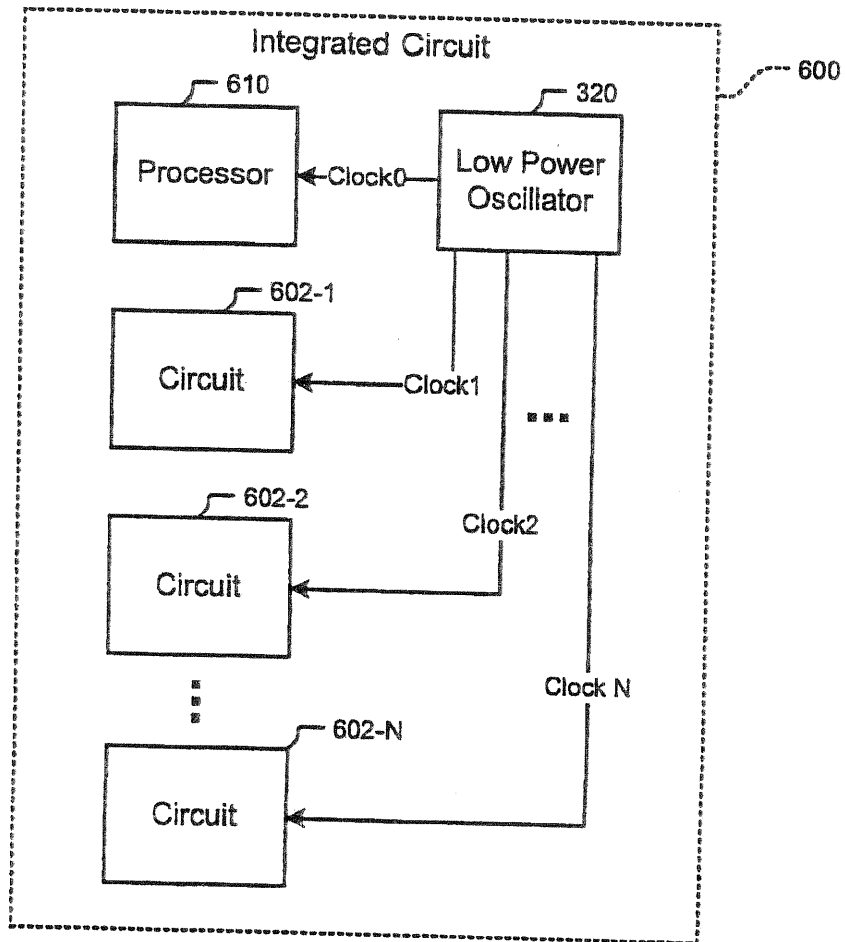


FIG. 19

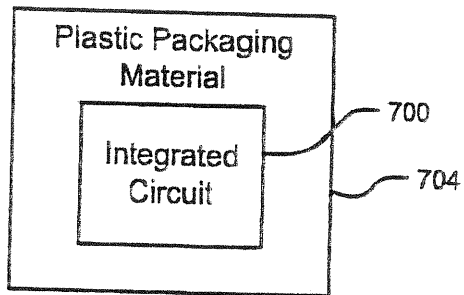


FIG. 20
Prior Art

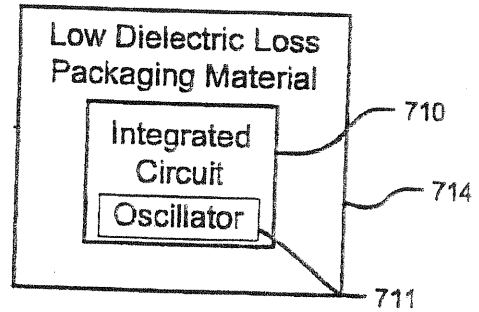


FIG. 21

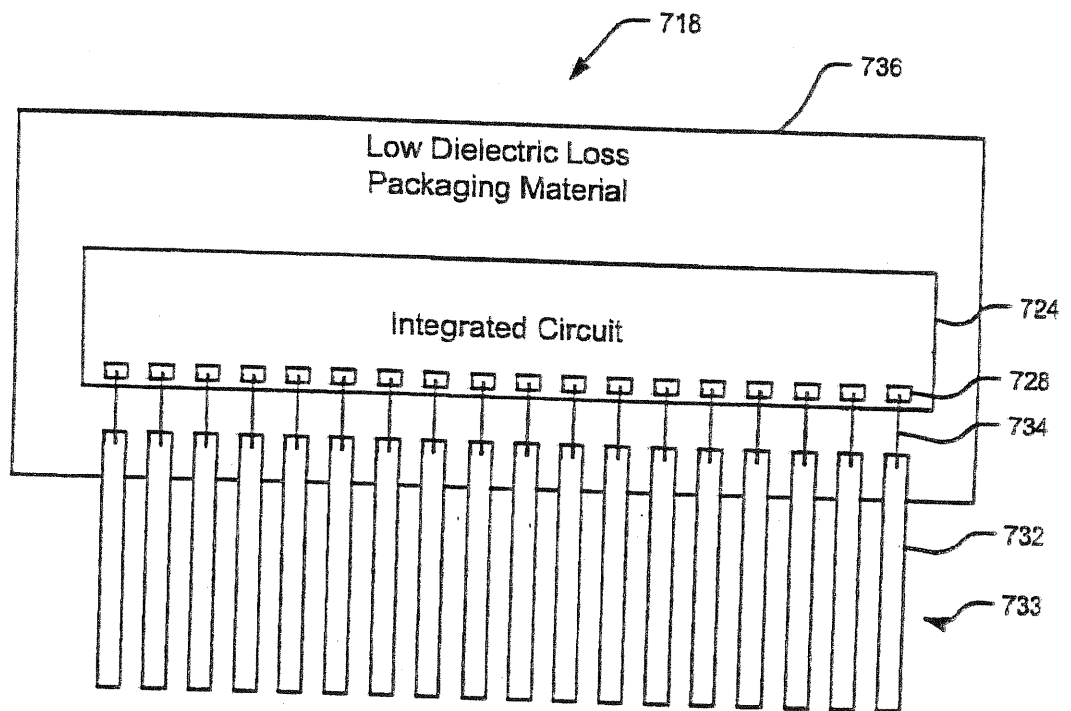


FIG. 22

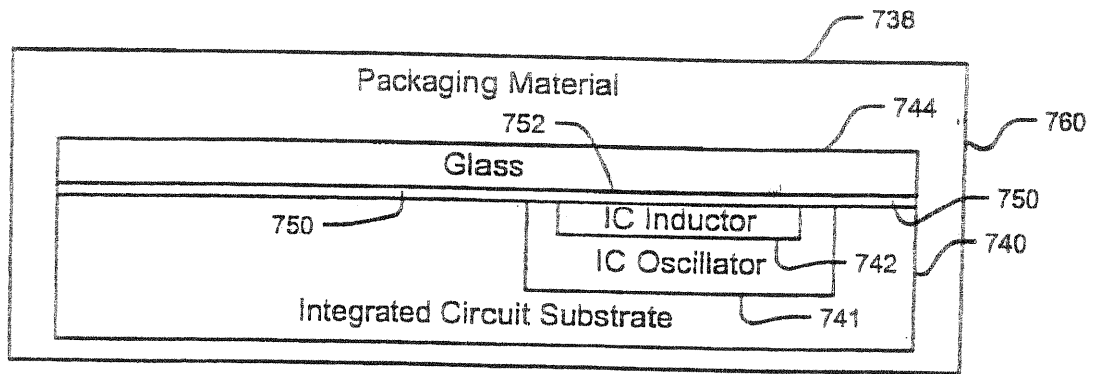


FIG. 23

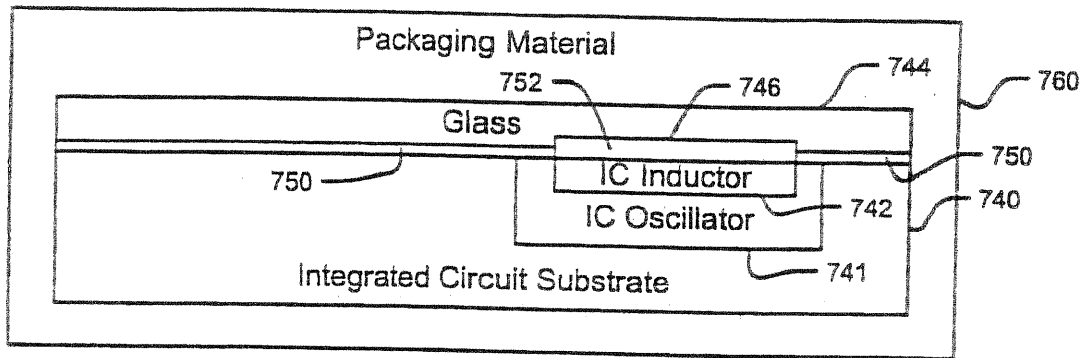


FIG. 24

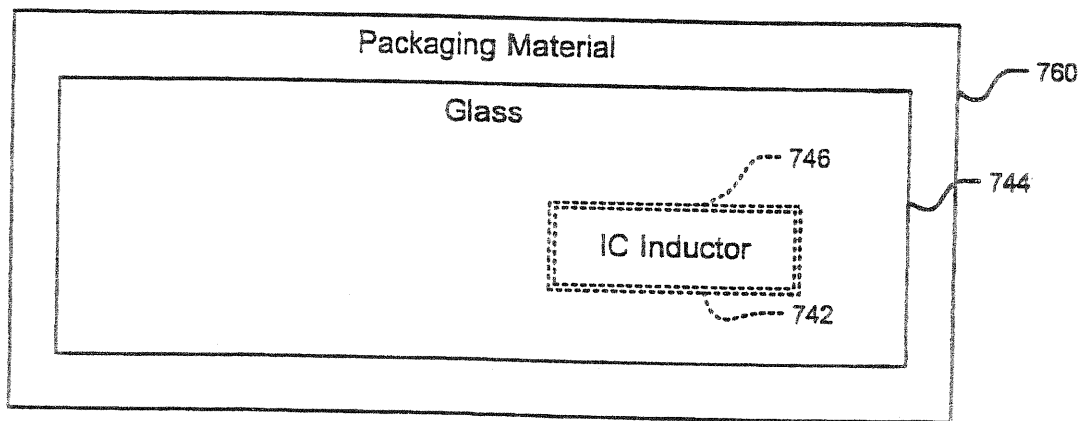
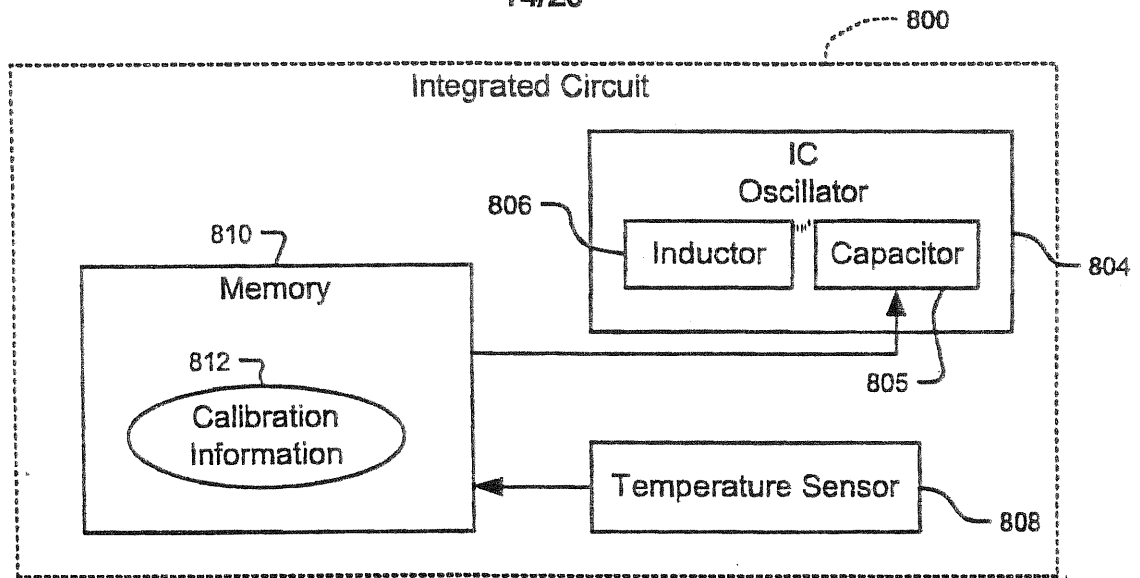
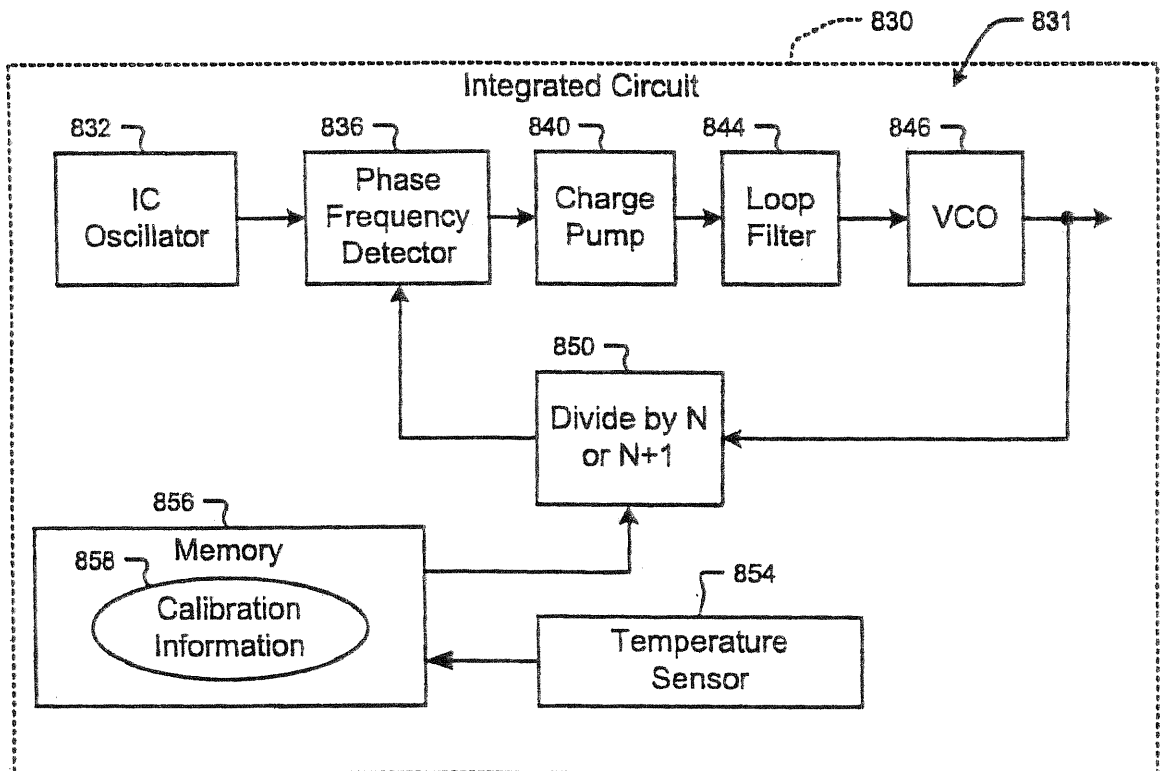
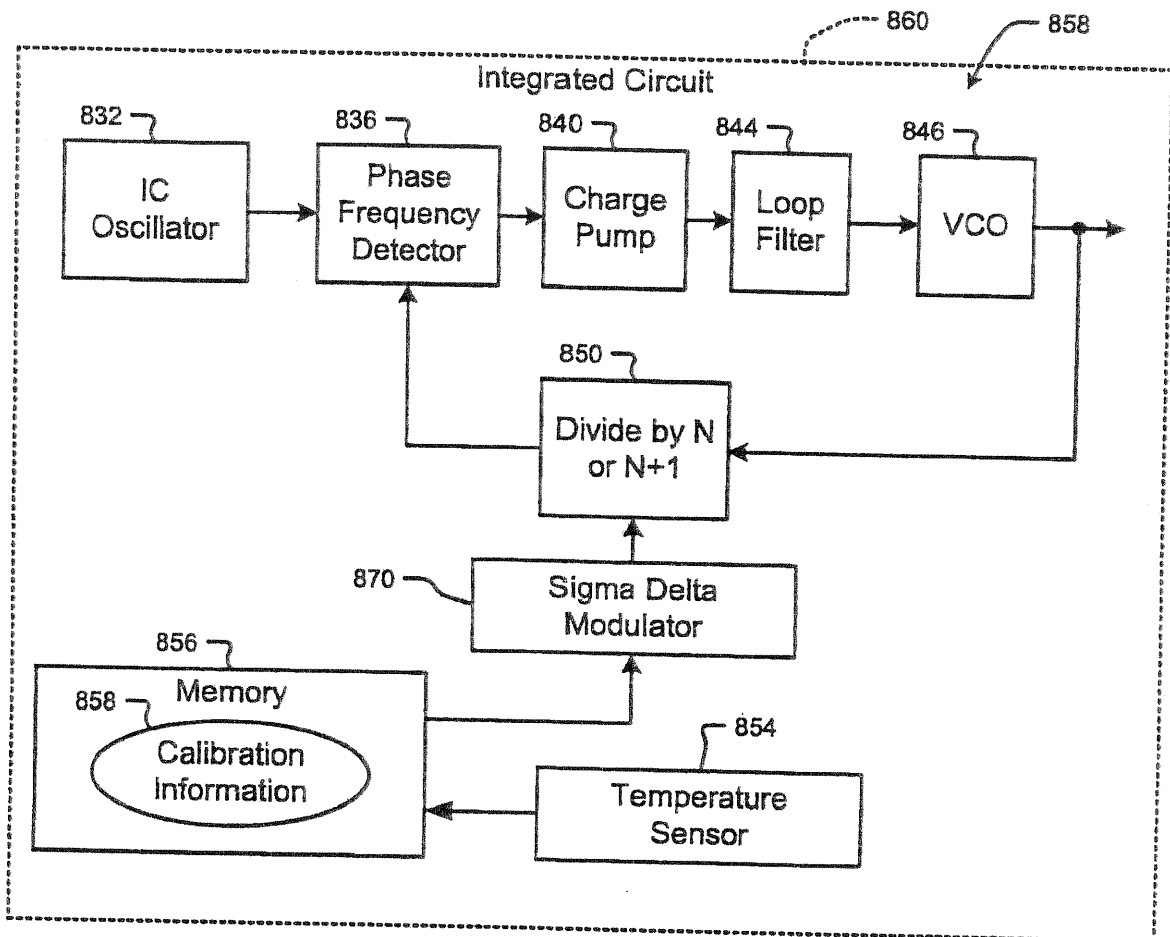
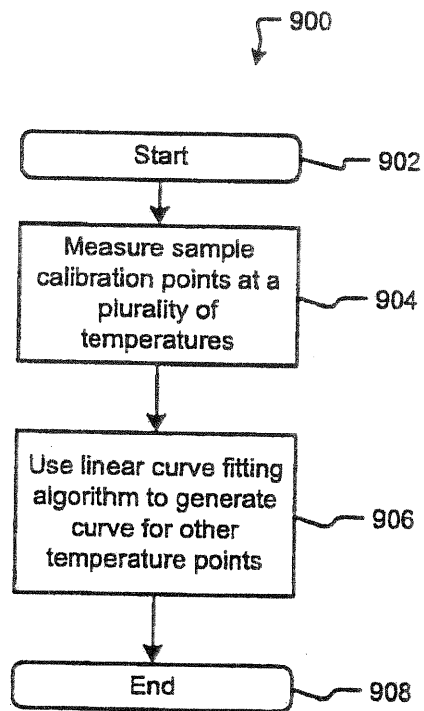
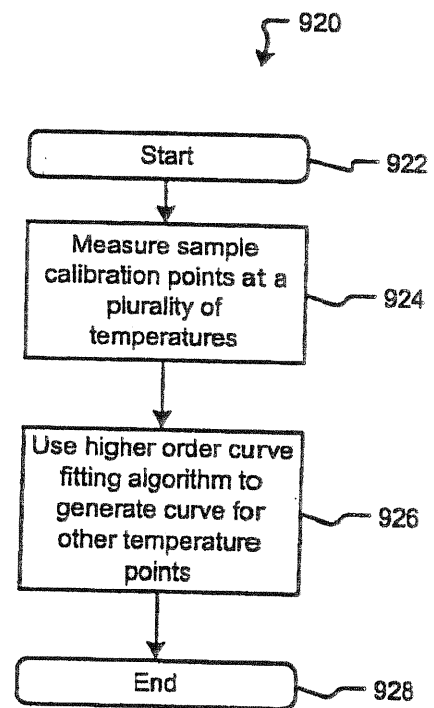
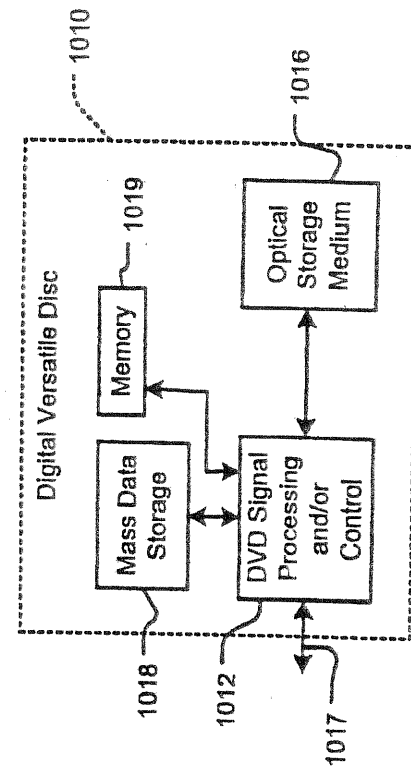
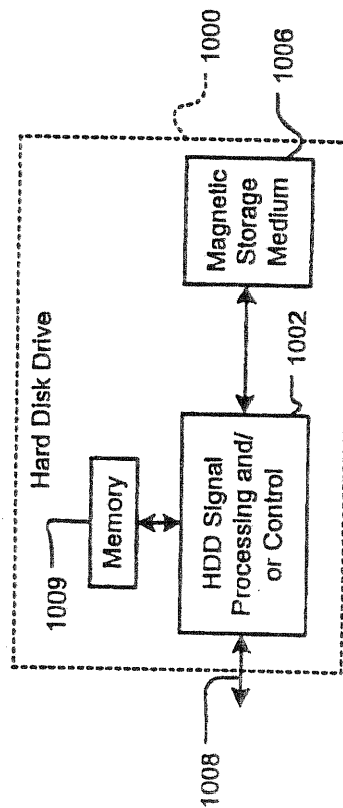


FIG. 25

**FIG. 26****FIG. 27**

**FIG. 28**

**FIG. 29****FIG. 30**

**FIG. 31B****FIG. 31A**

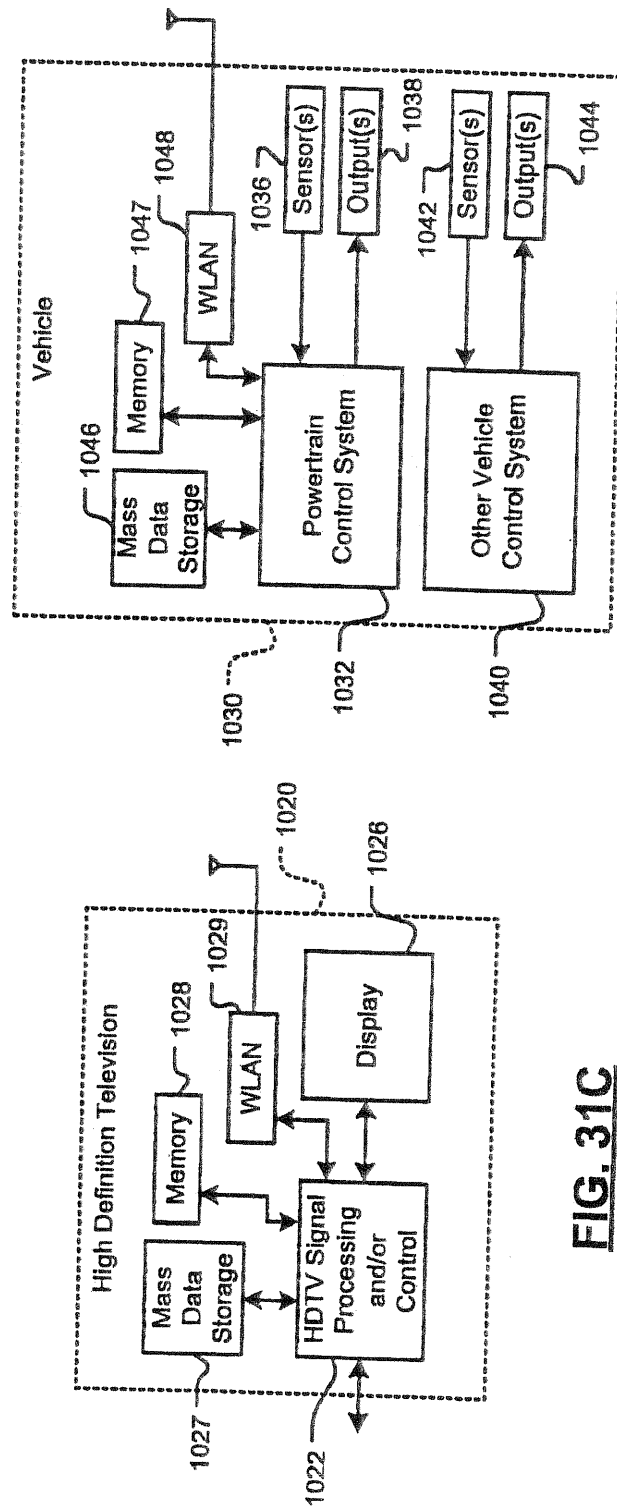


FIG. 31C

FIG. 31D

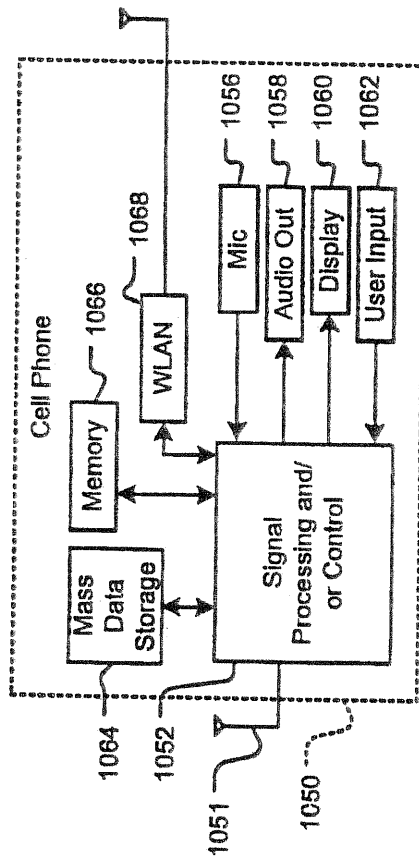


FIG. 31E

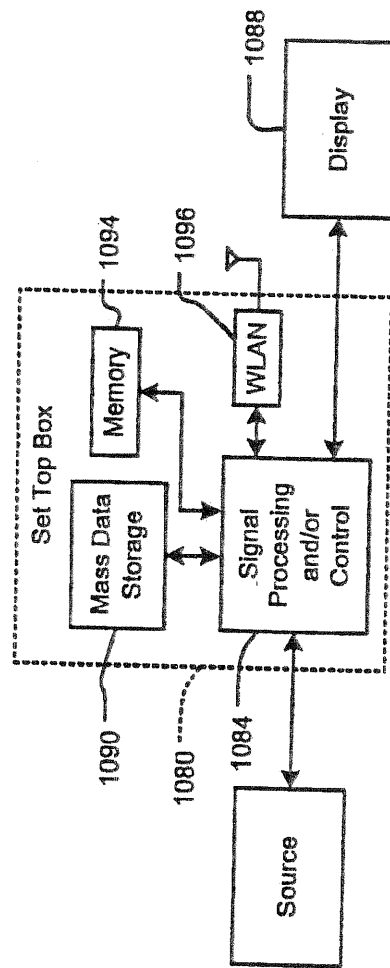


FIG. 31F

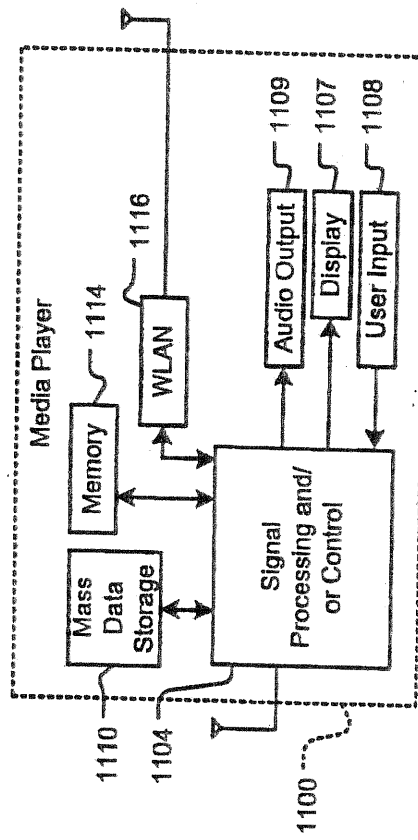


FIG. 31G

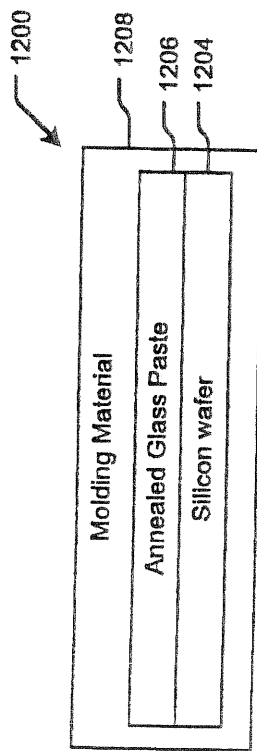


FIG. 32A

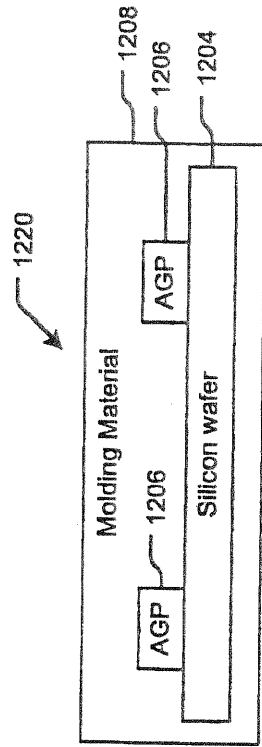


FIG. 32C

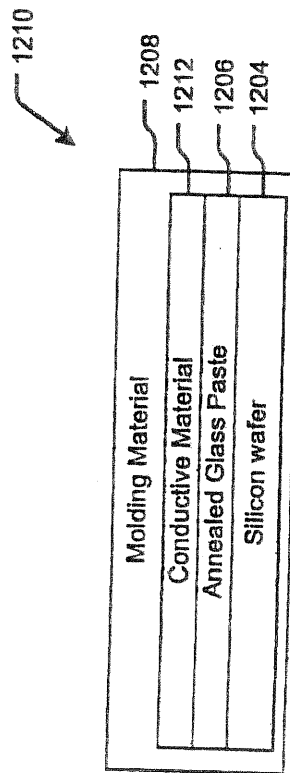


FIG. 32B

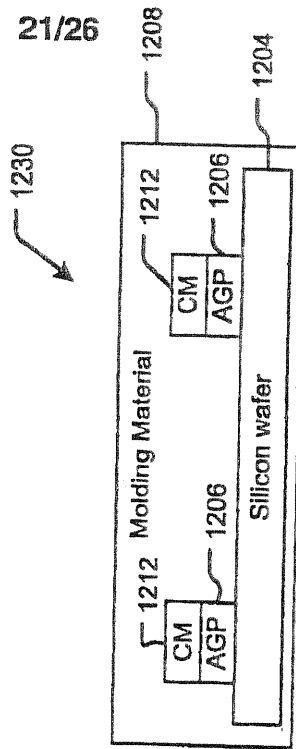


FIG. 32D

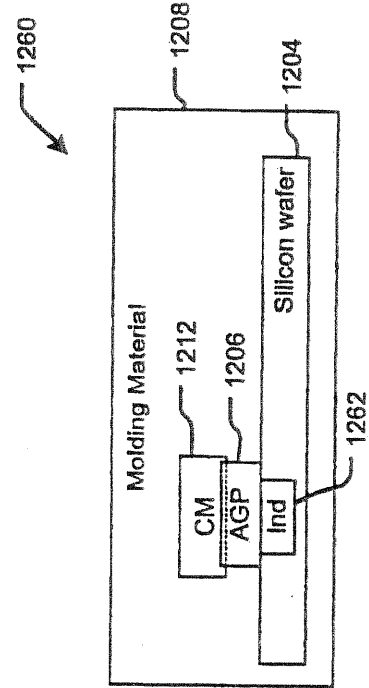


FIG. 33C

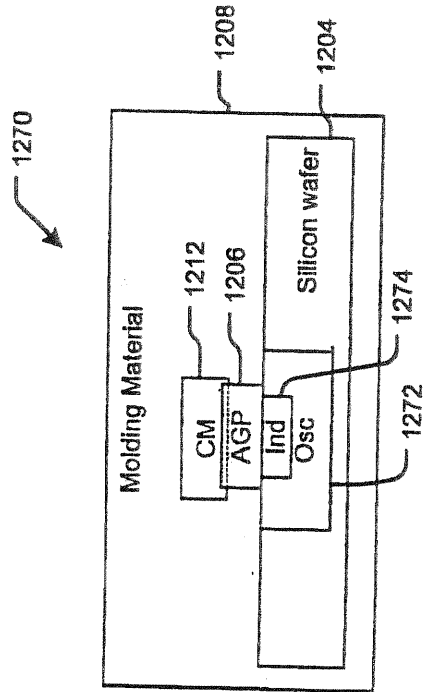


FIG. 33D

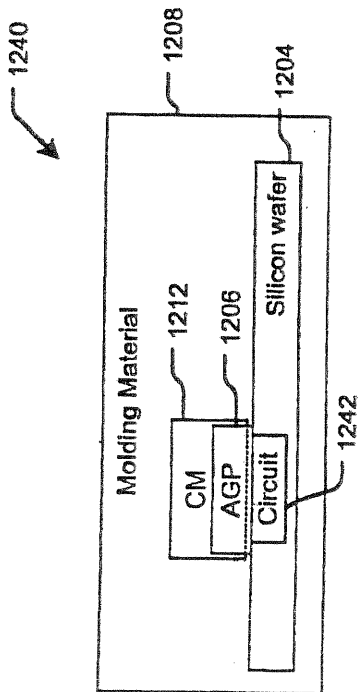


FIG. 33A

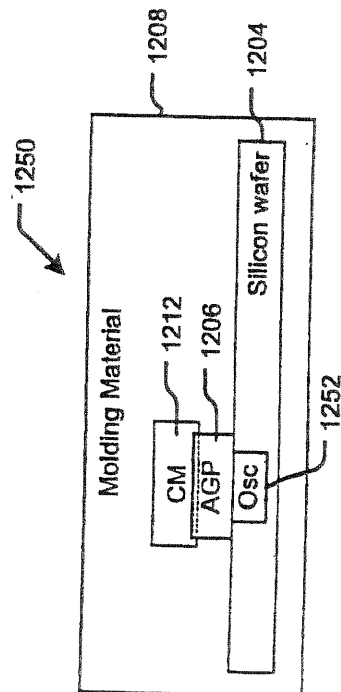


FIG. 33B

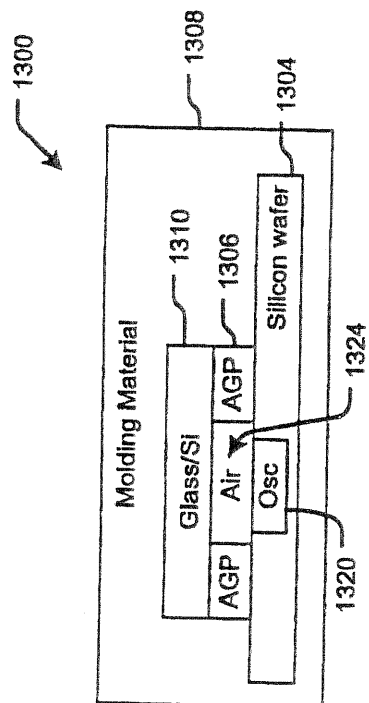


FIG. 34A

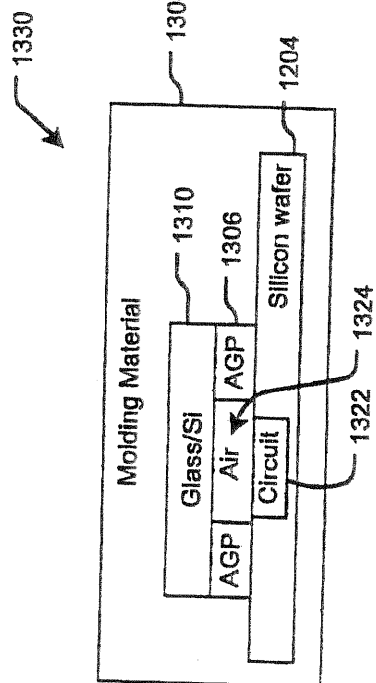


FIG. 34B

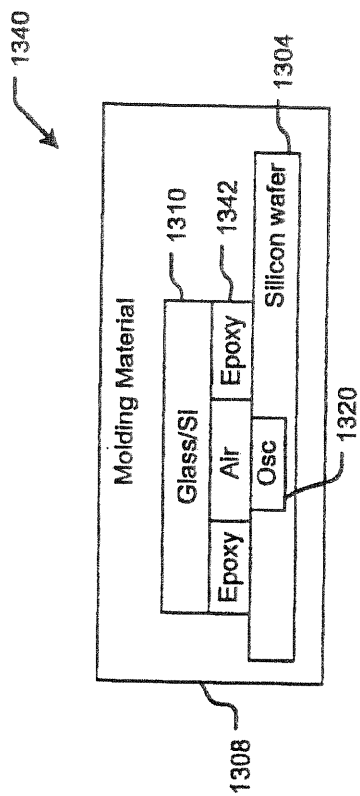


FIG. 34C

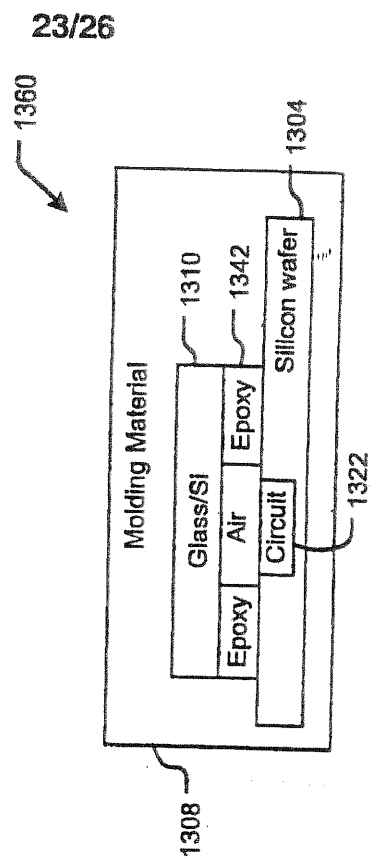


FIG. 34D

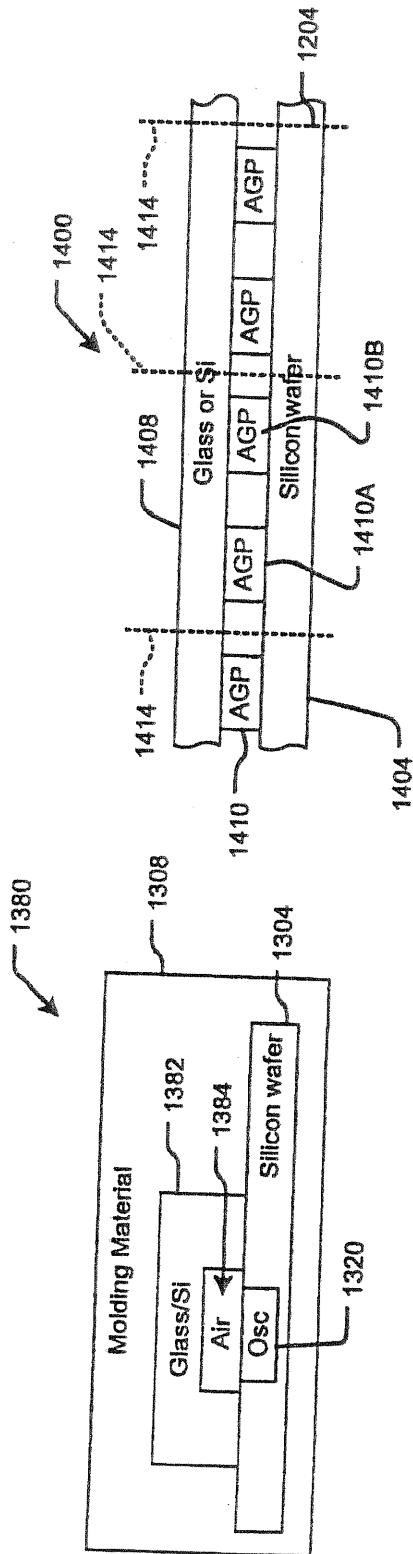


FIG. 35A

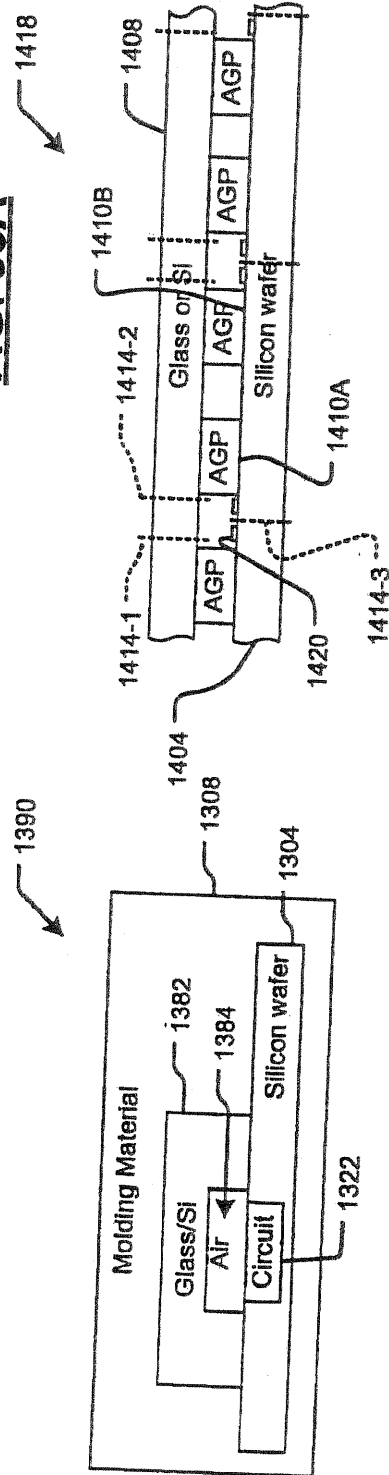


FIG. 35B

FIG. 36A

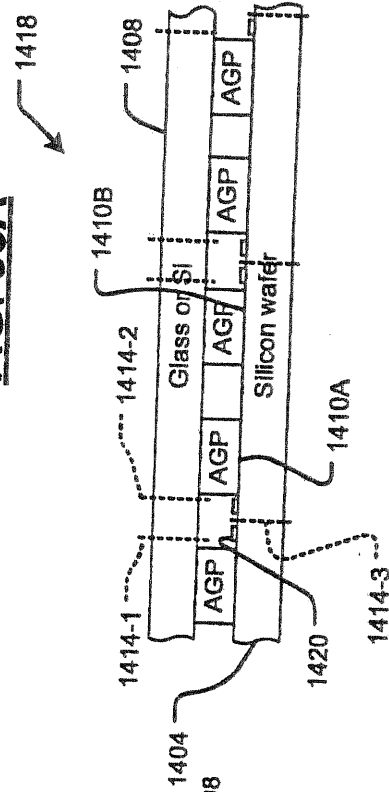


FIG. 36B

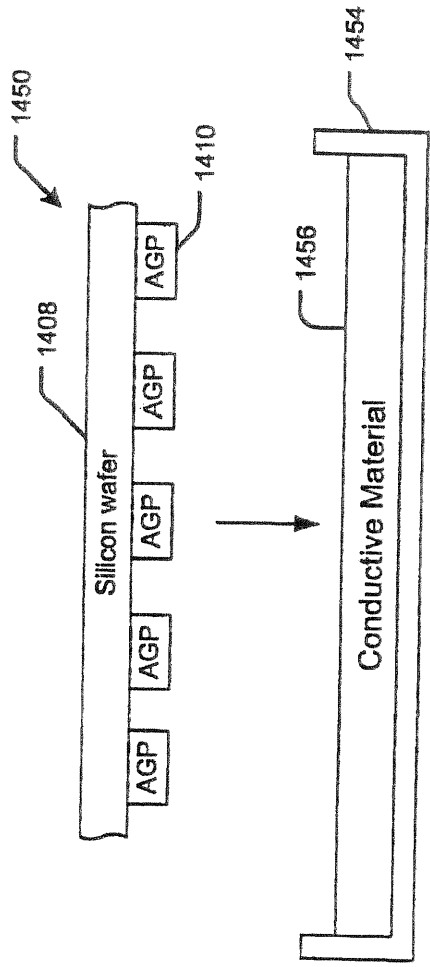


FIG. 37A

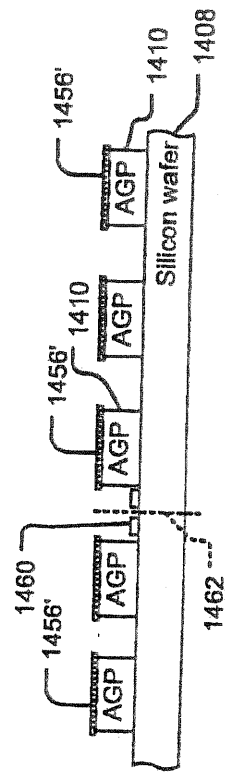


FIG. 37B

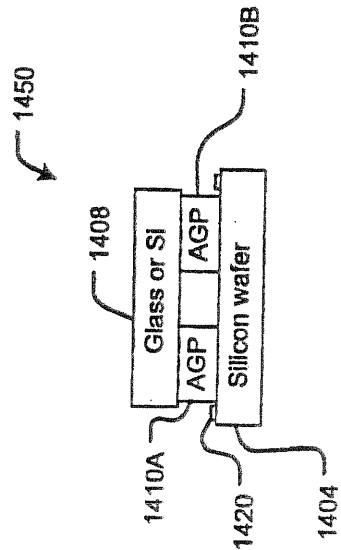
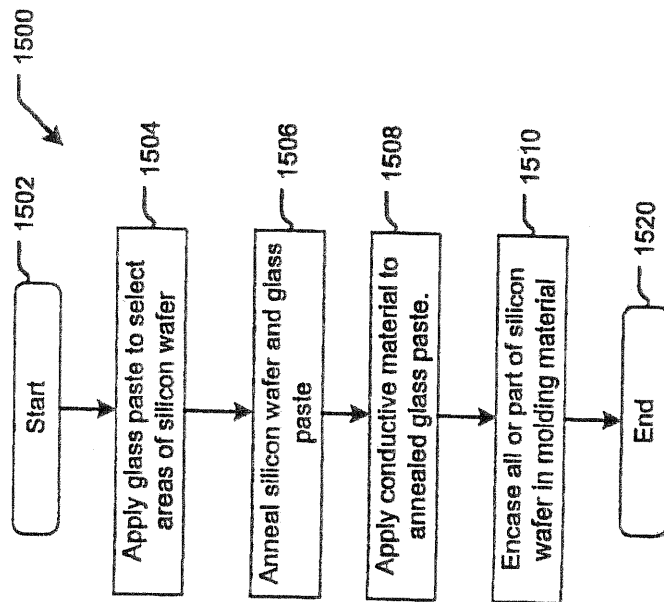


FIG. 36C

**FIG. 38**