

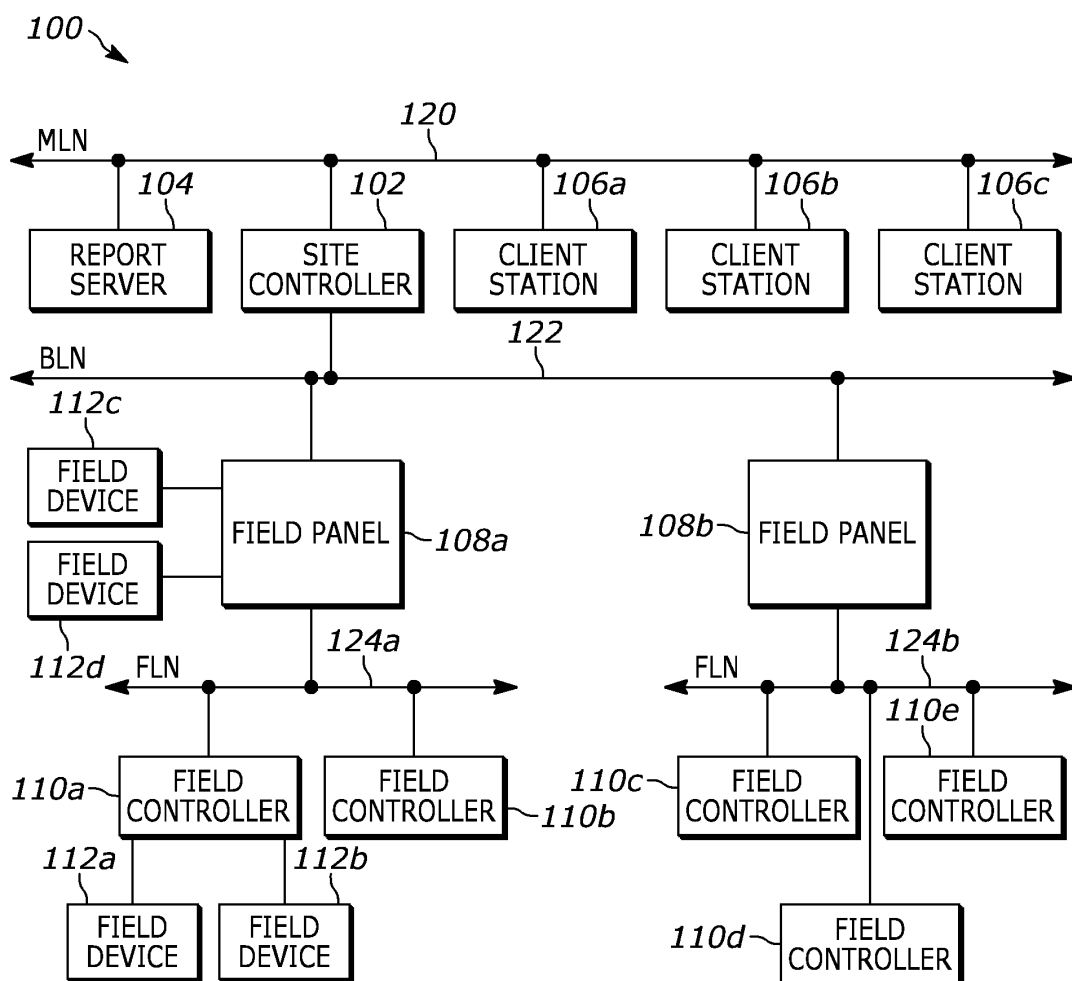


FIG. 1

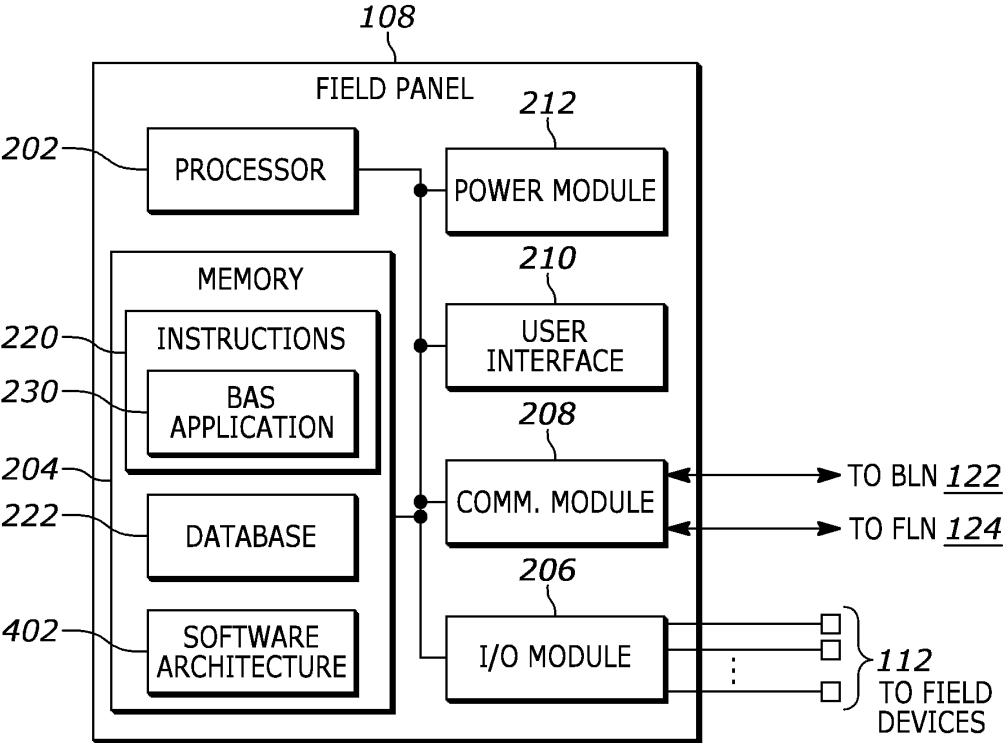


FIG. 2

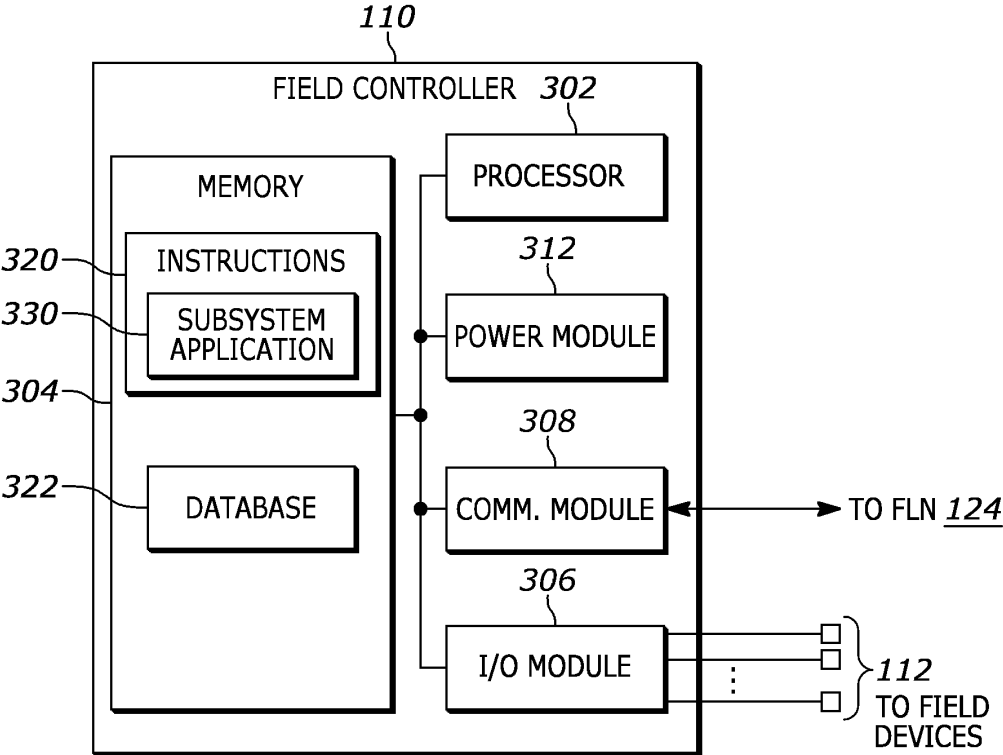


FIG. 3

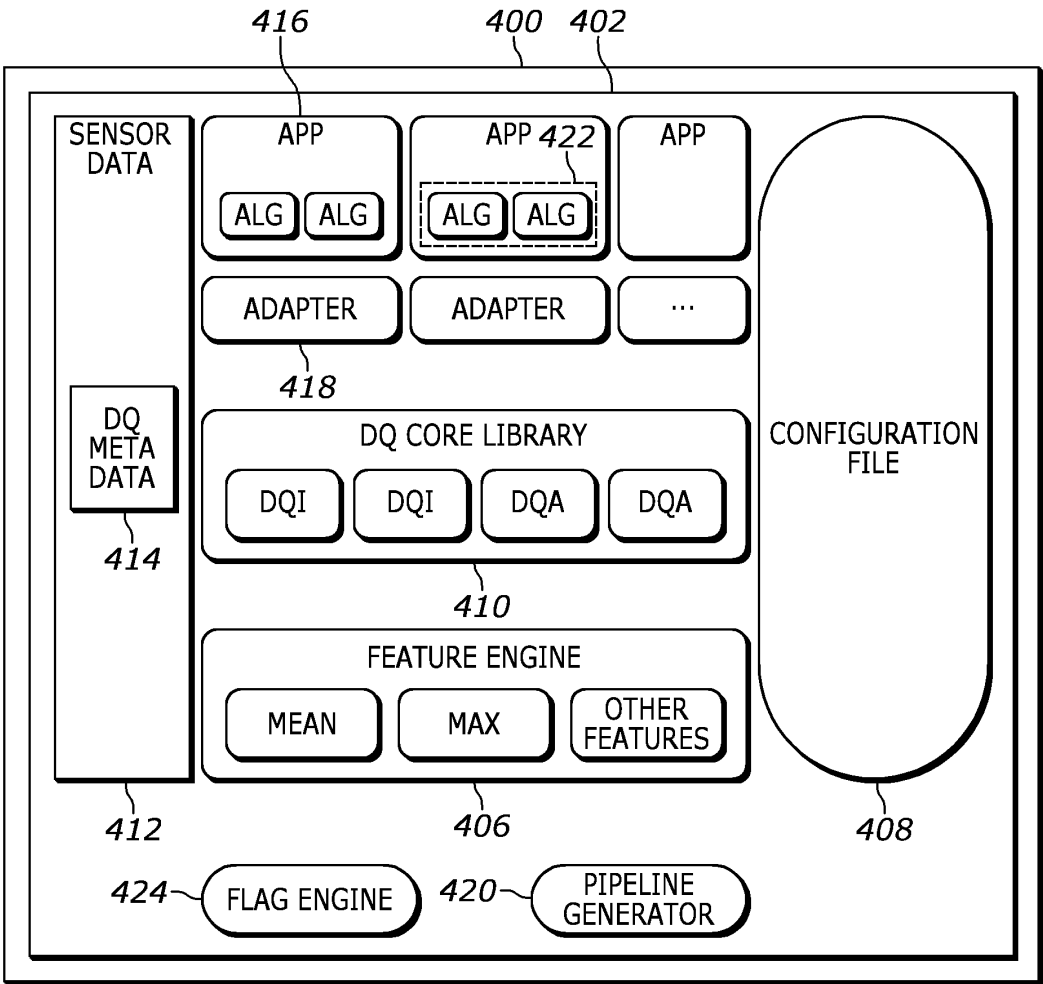


FIG. 4

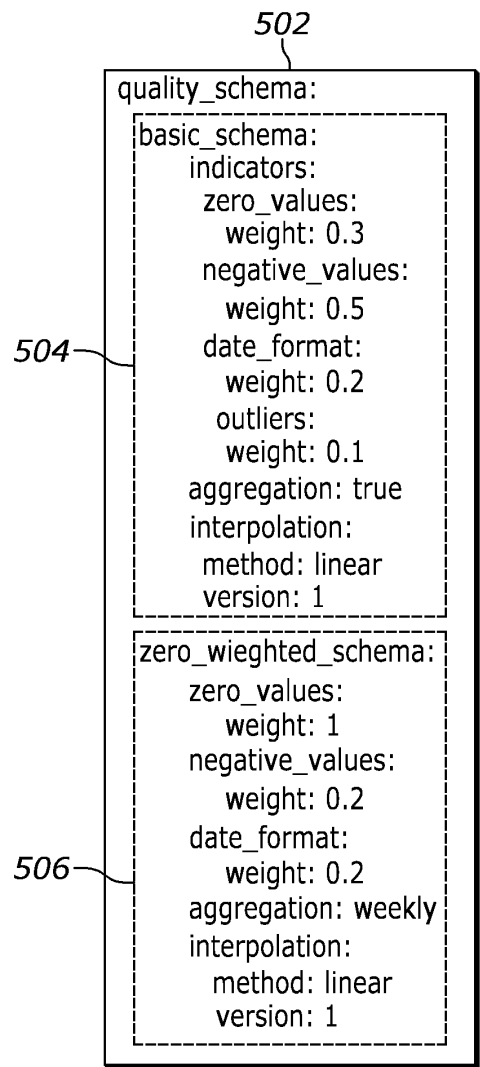


FIG. 5A

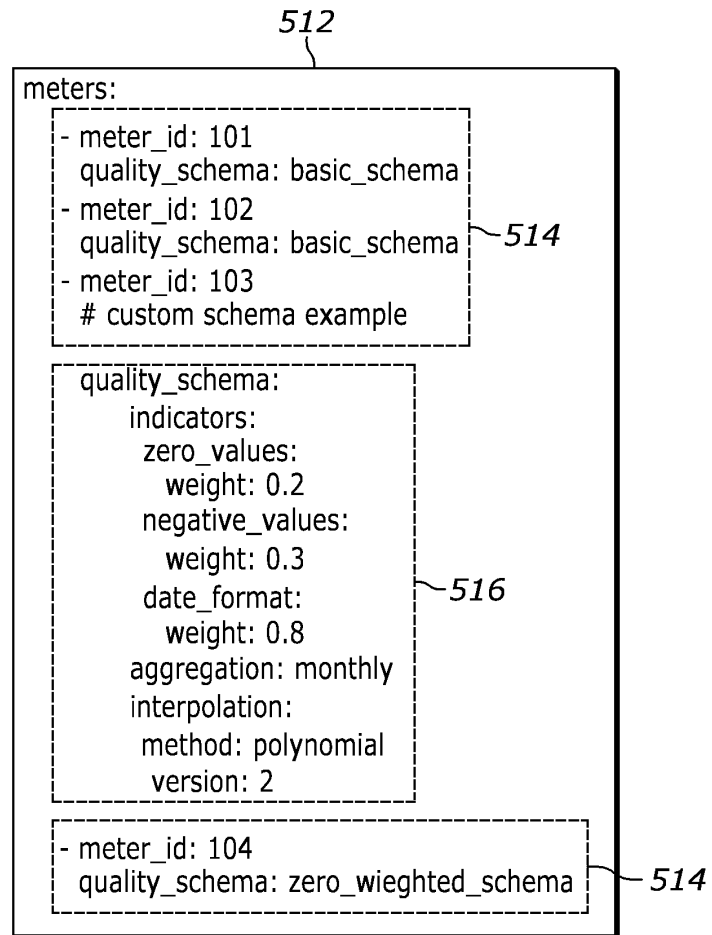


FIG. 5B

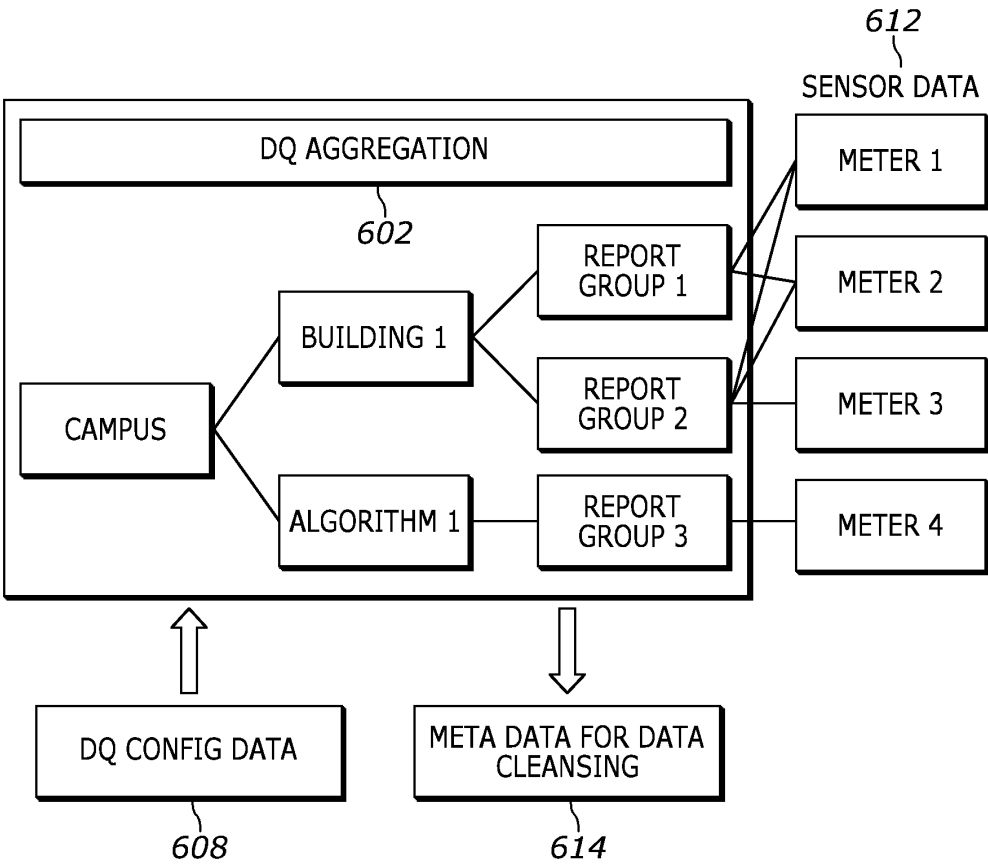


FIG. 6

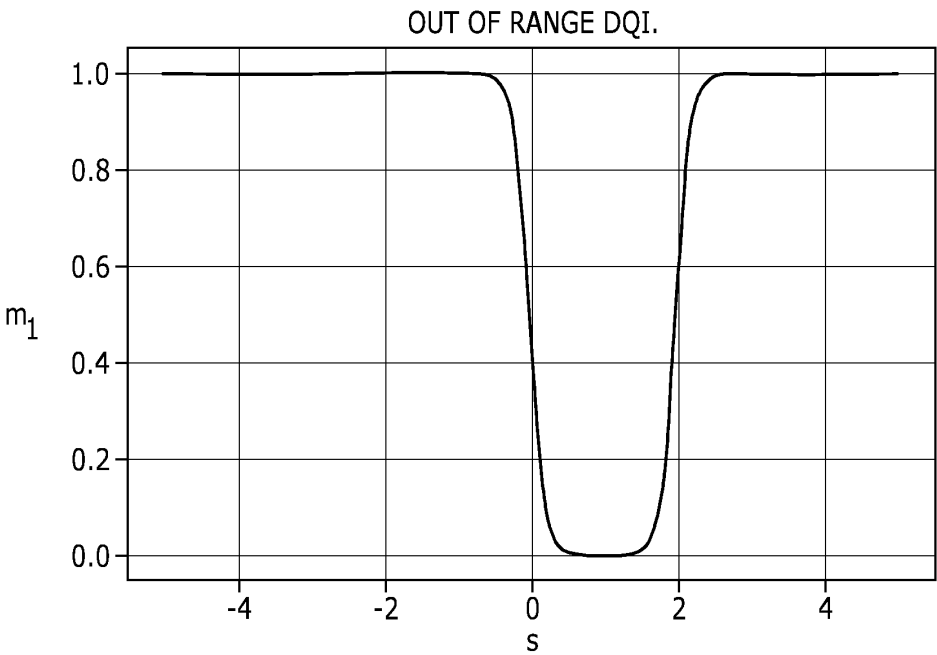


FIG. 7

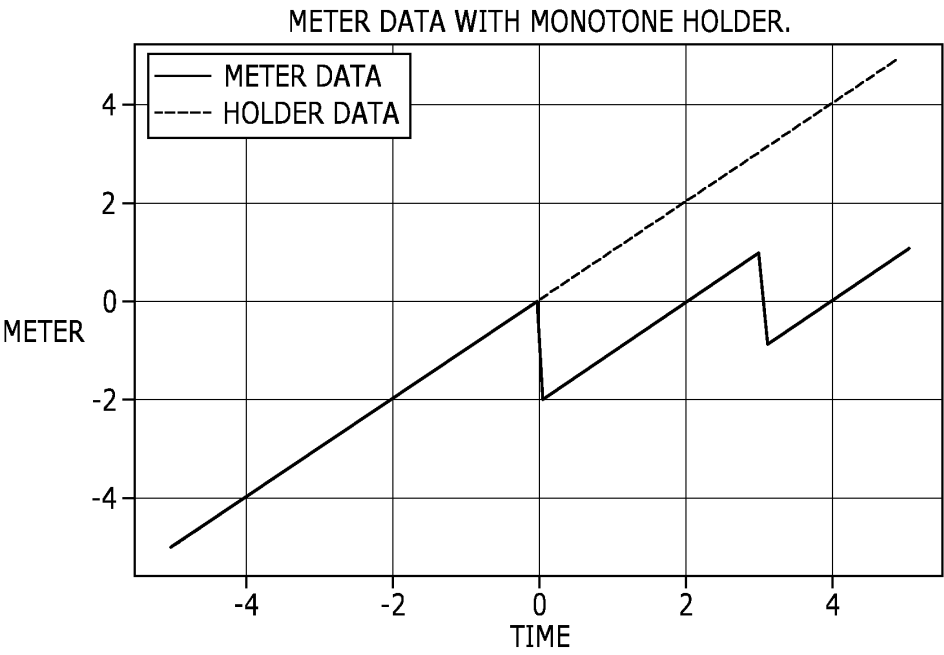


FIG. 8

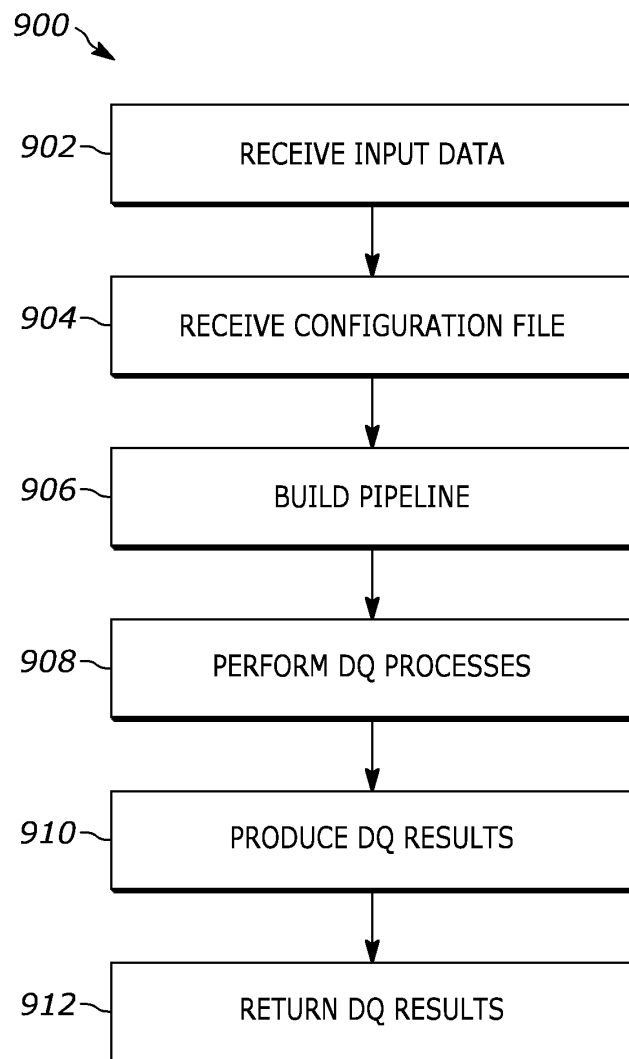


FIG. 9

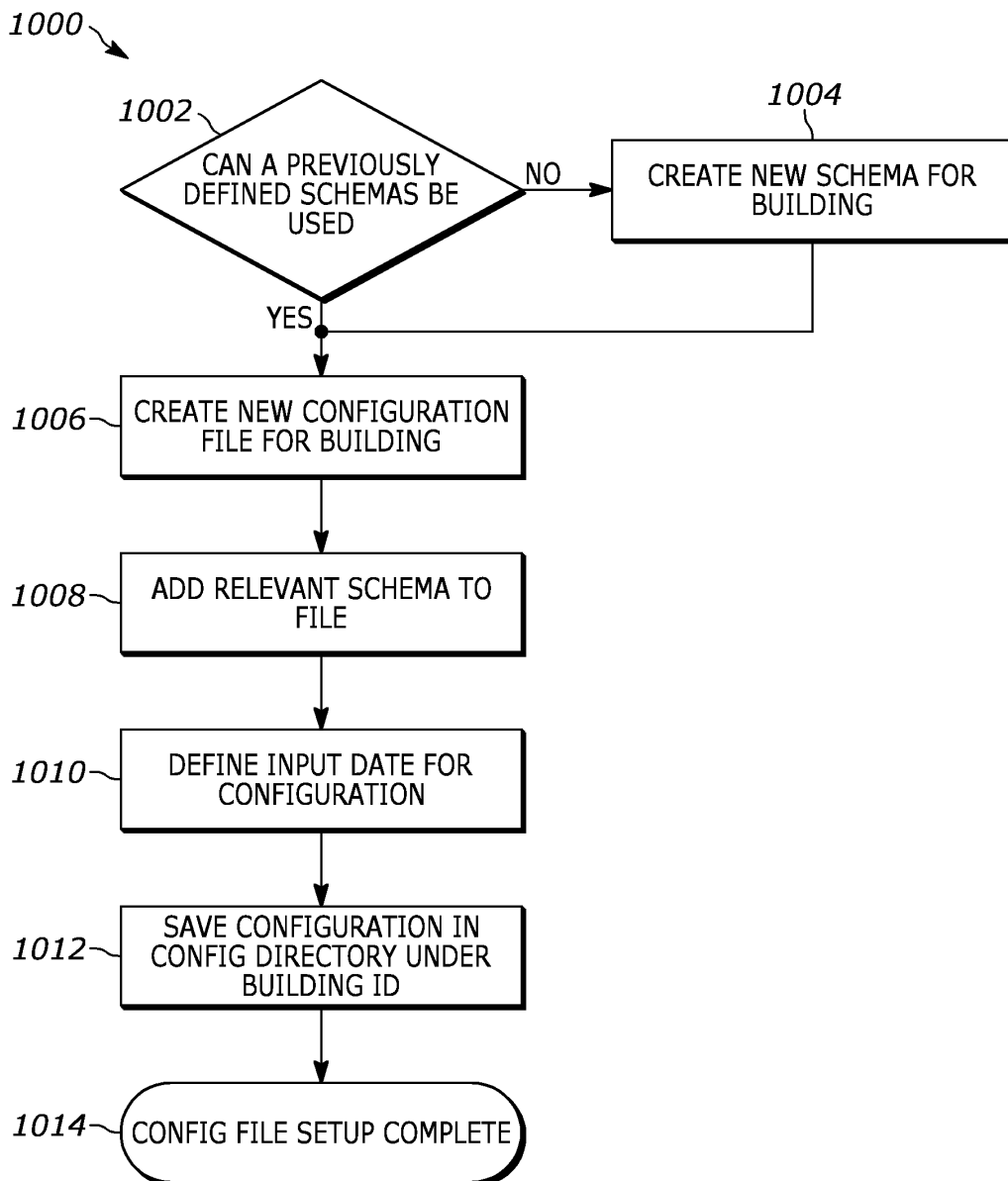
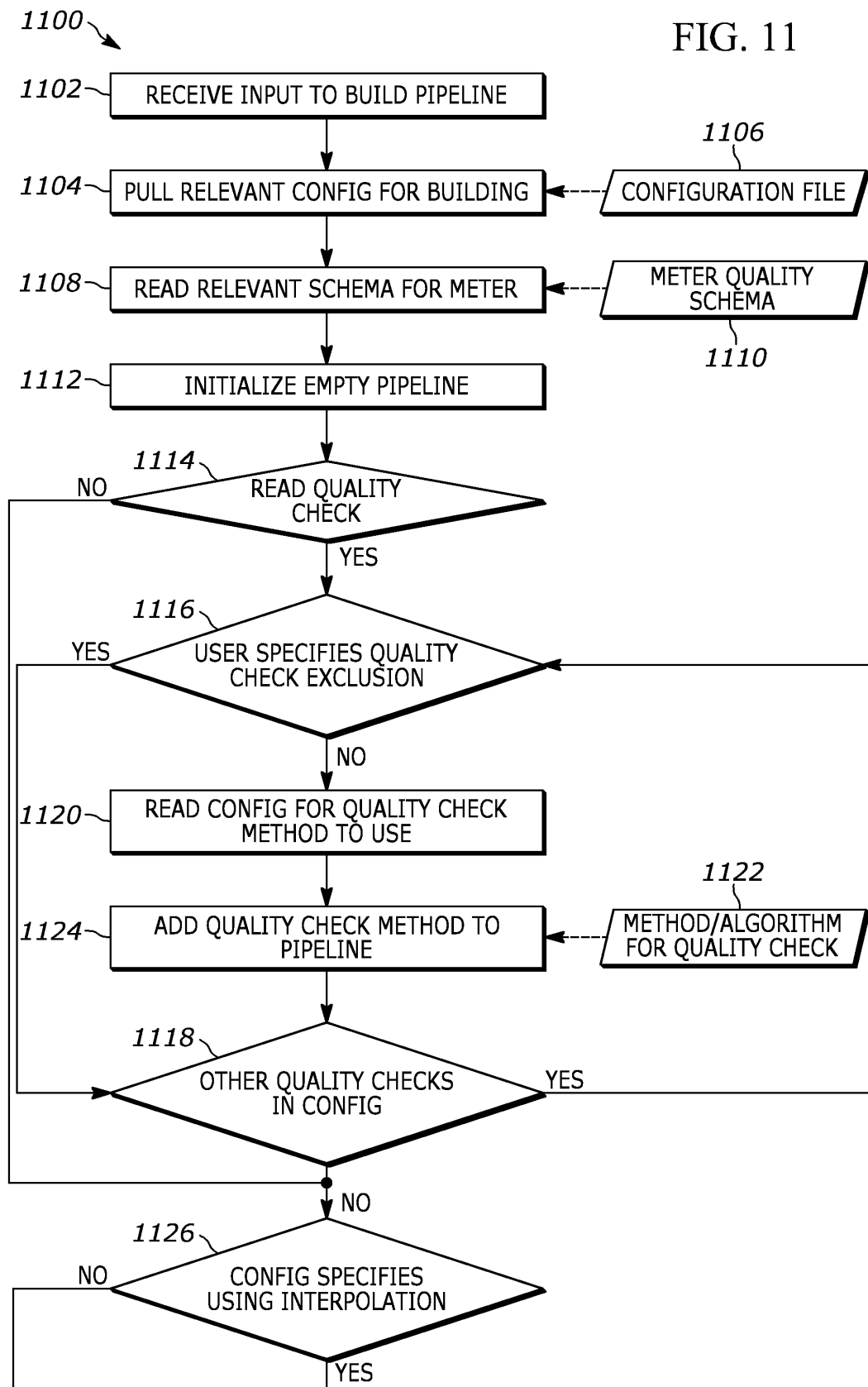


FIG. 10

FIG. 11



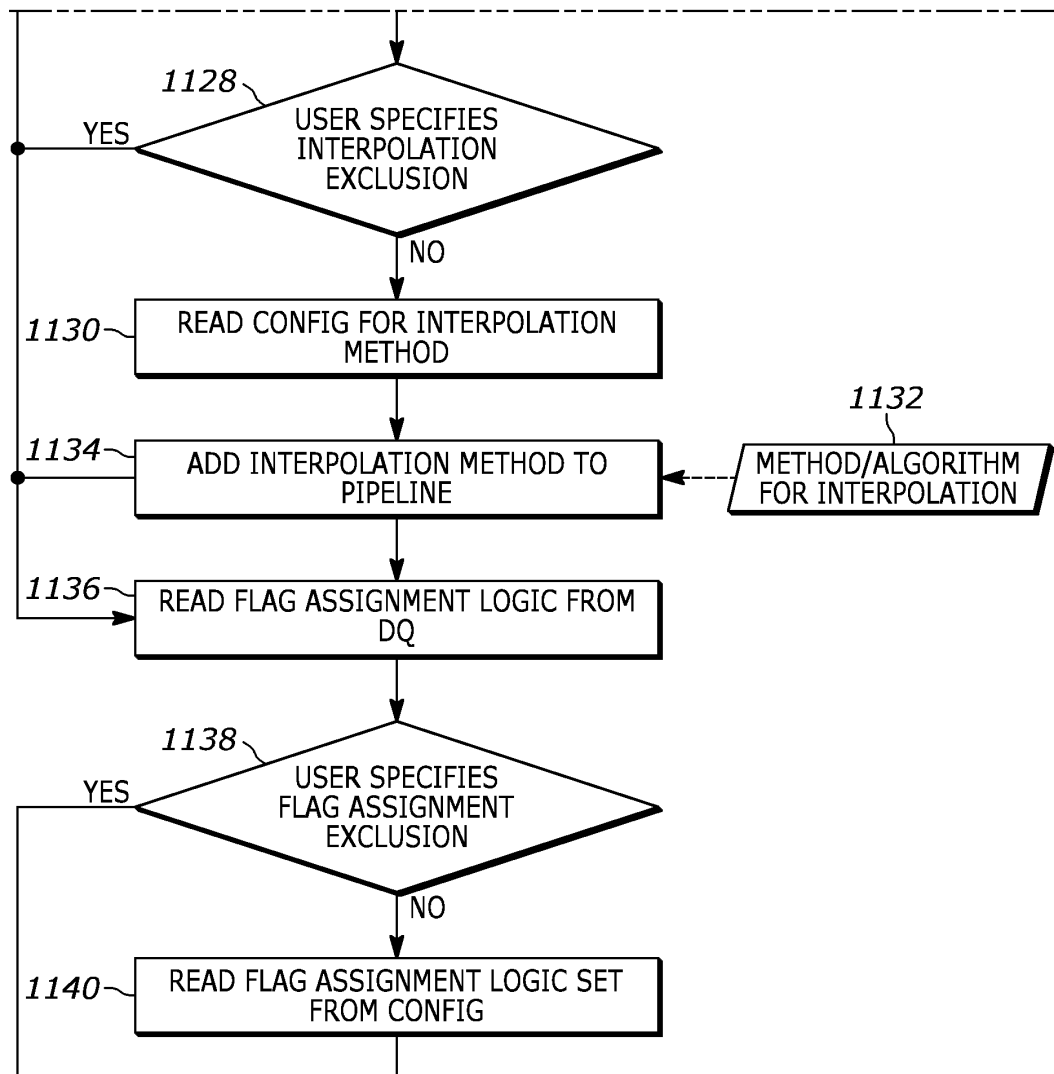


FIG. 11 (Continued)

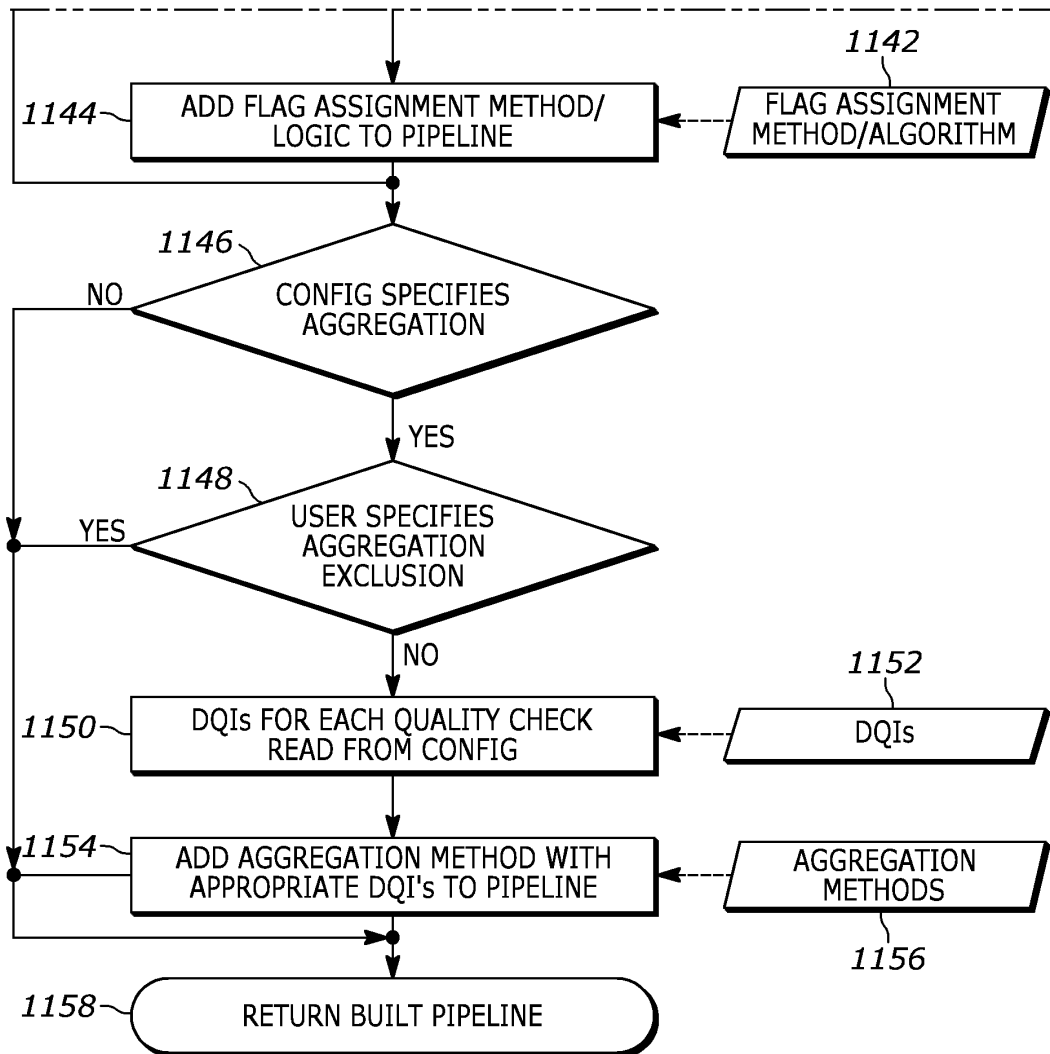
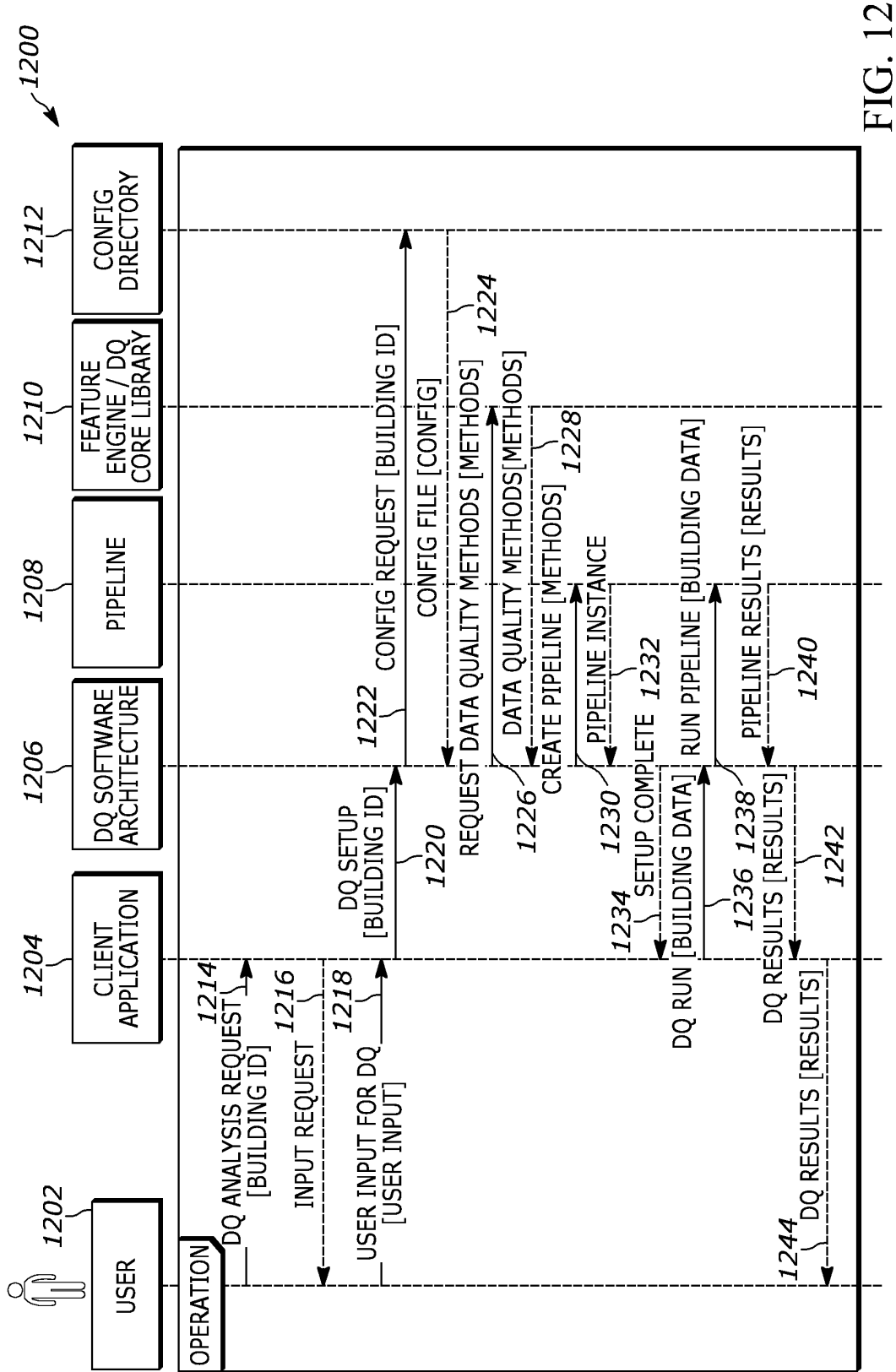


FIG. 11 (Continued)



1302		1304	1306	1308	1310	1312	1318
TIME		METER ID	VALUE	ZERO VALUE	MISSING VALUE	OUTLIER	DQI (BY TIME INDEX)
1300	1/1/2019 0:15	101	113	0	0	0.48	0.096
	1/1/2019 0:30	101	32	0	0	0	0
	1/1/2019 0:45	101	0	1	0	0	0.4
	1/1/2019 1:00	101	45	0	0	0	0
	1/1/2019 1:15	101		0	1	0	0.5
1314	1/1/2019 1:30	101	9999	0	0	0.95	0.19
	1/1/2019 1:45	101	432	0	0	0.76	0.152
	DQ INDEX BY METRIC			1	1	2.19	1.338
1316		WEIGHTS		0.4	0.5	0.2	
			1320	DQ AGGREGATE FOR METER ID 101: 1.338			

FIG. 13A

1332		1334		1336		1338		1340		1342	
BUILDING		METER ID	METER TYPE	LOCATION		DQ-AGGREGATE	PRIORITY				
NAKATOMI PLAZA		101	ELECTRICITY	30TH FLOOR		1.338	1				
WRIGLEY FIELD		329	ELECTRICITY	STANDS		1.1	2				
SCHONBRUNN PALACE		232	WATER FLOW	THEATRE ANNEX 6		0.63	3				
WRIGLEY FIELD		303	HEAT PUMP TEMPERATURE	DUGOUT 2		0.37	4				
NAKATOMI PLAZA		103	OUTDOOR AIR TEMPERATURE	ROOF		0.24	5				
SCHONBRUNN PALACE		255	WATER PRESSURE 6	CAFE		0.11	6				
NAKATOMI PLAZA		106	CO SENSOR	GARAGE		0.05	7				
WRIGLEY FIELD		376	HOT WATER TEMP 23	BASEMENT		0.04	8				

FIG. 13B

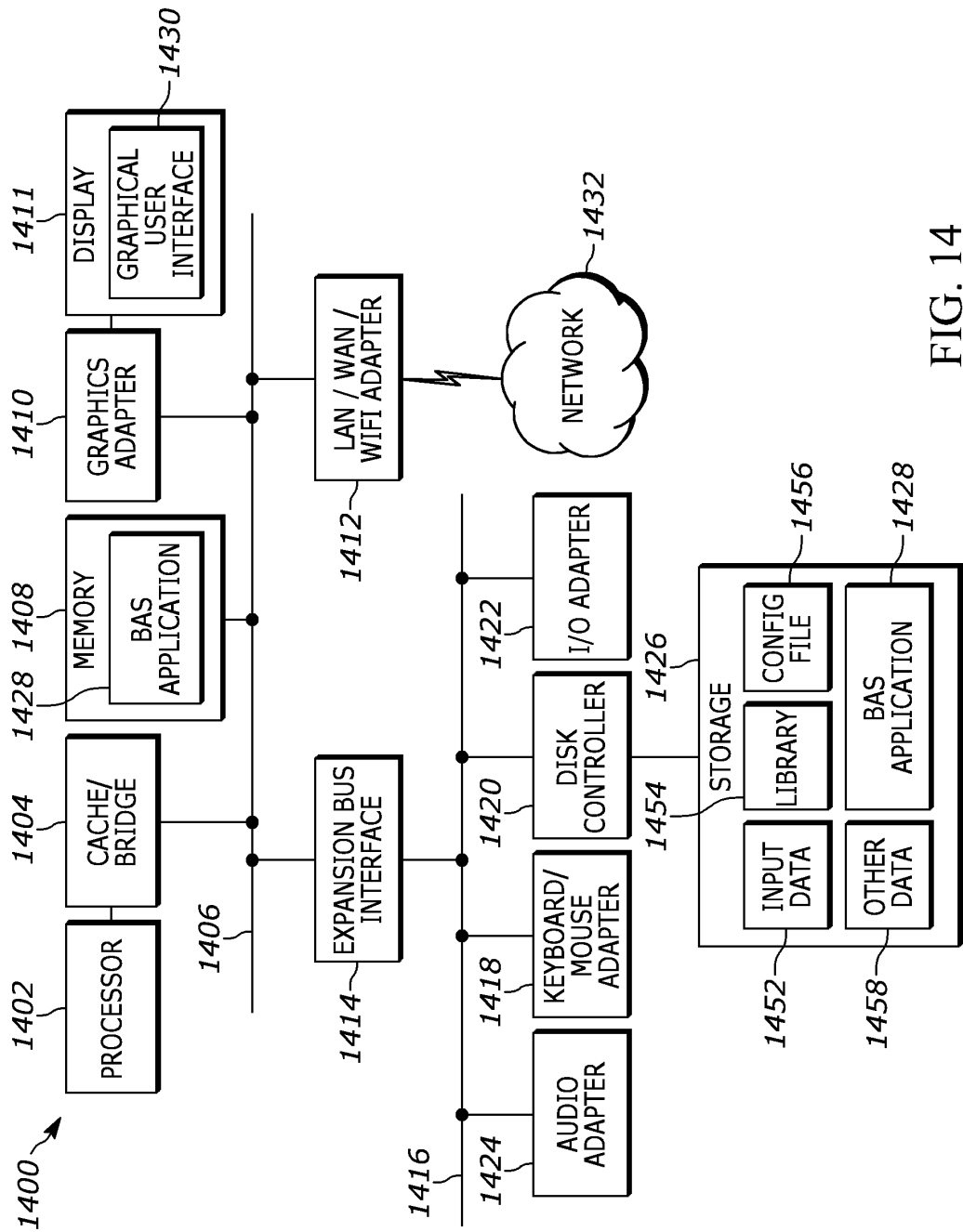


FIG. 14