

FIG.1

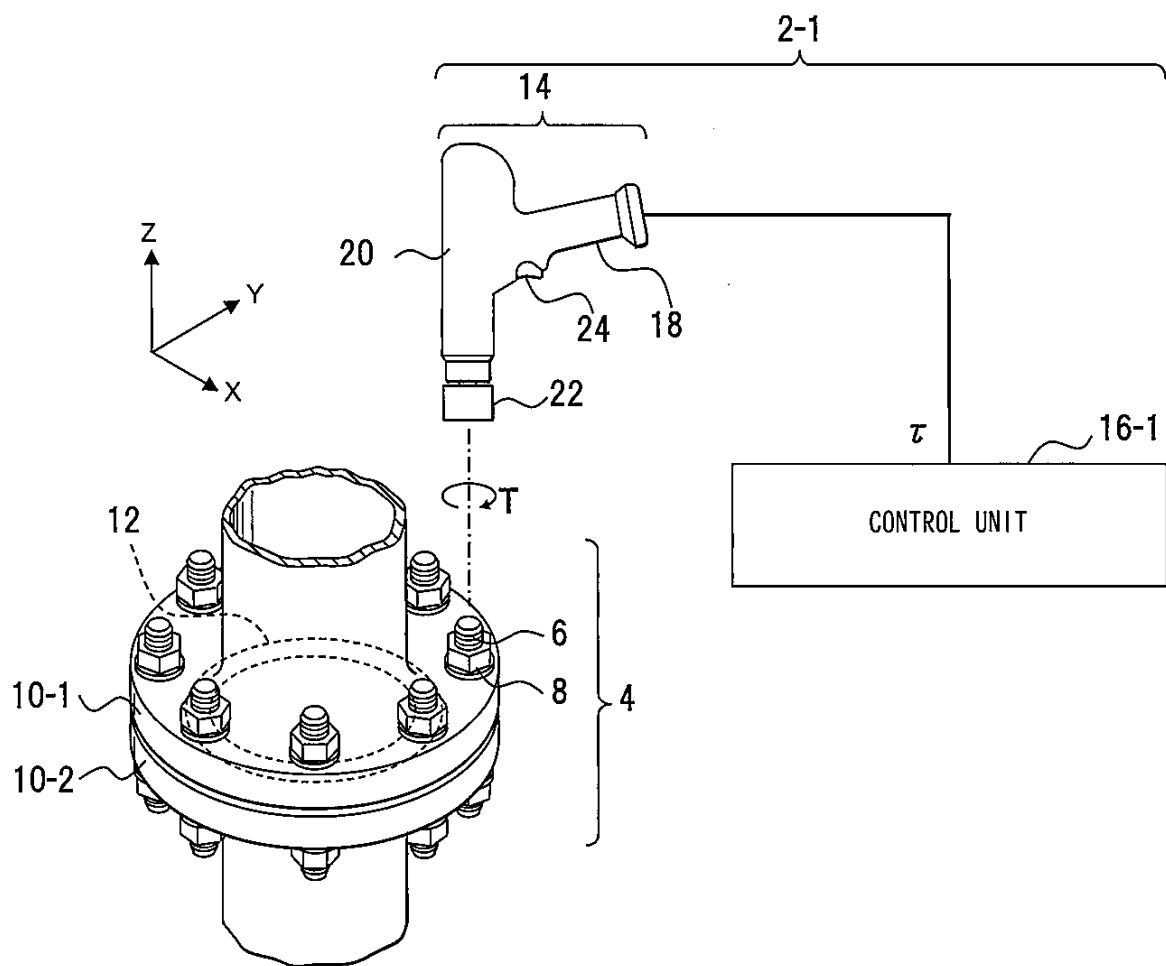


FIG.2

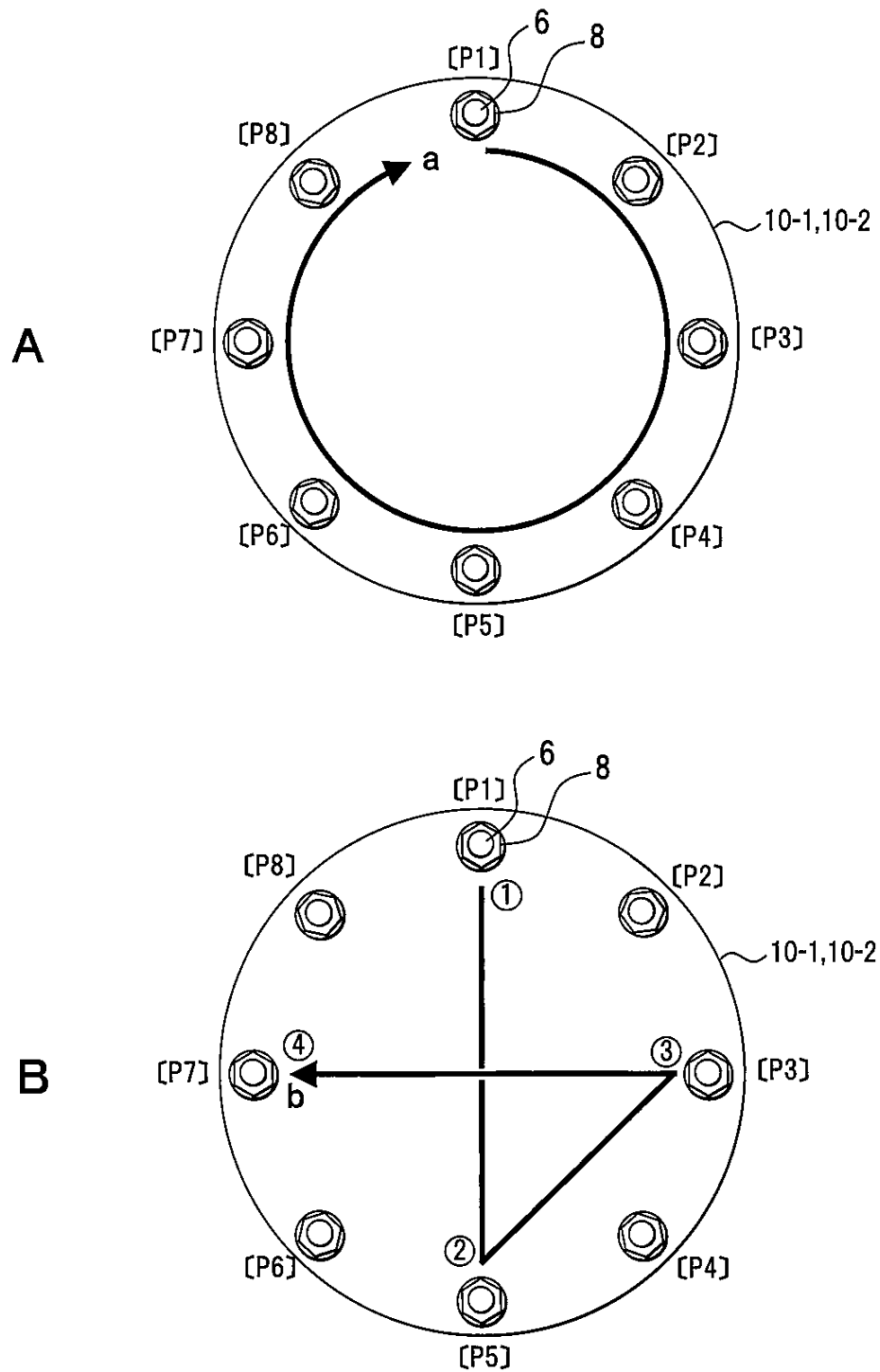


FIG.3

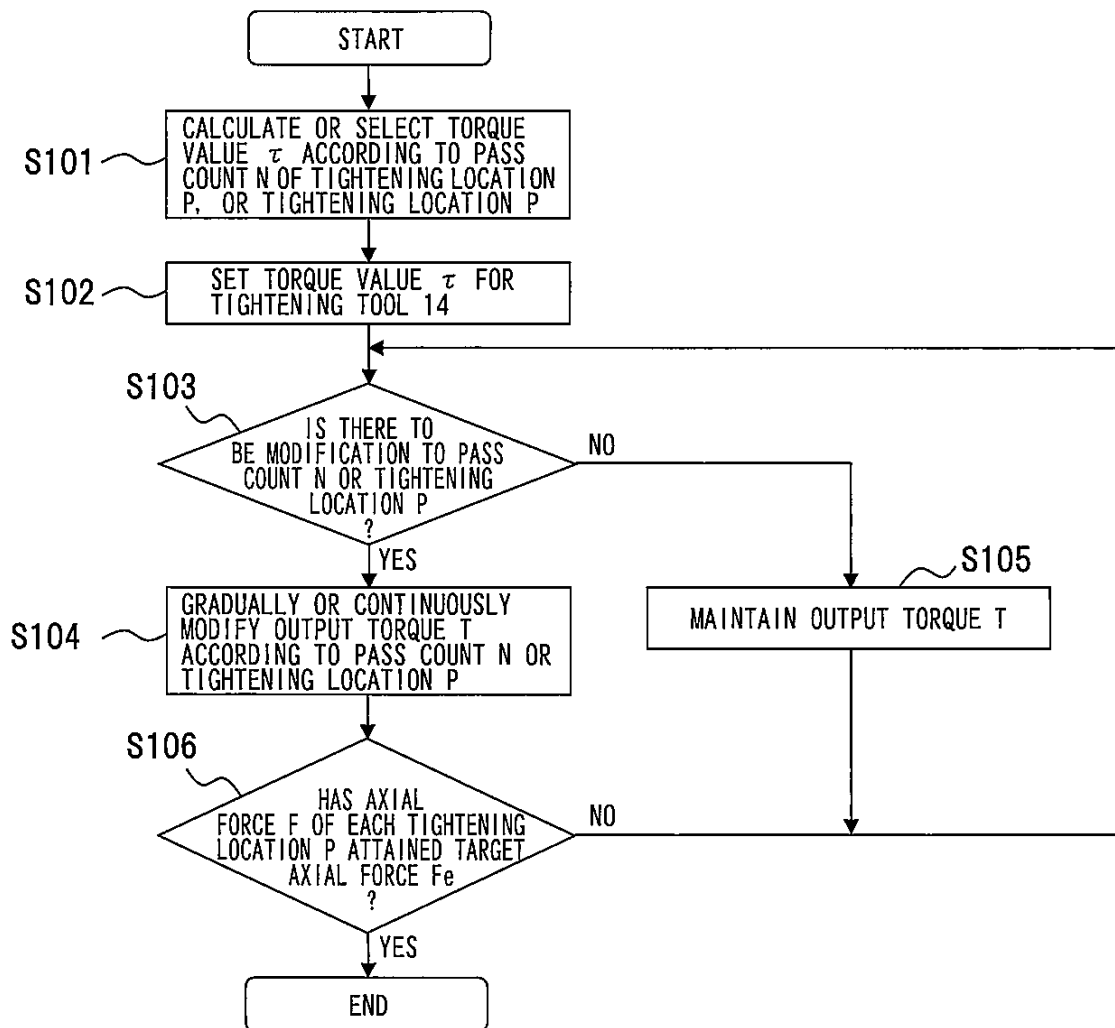
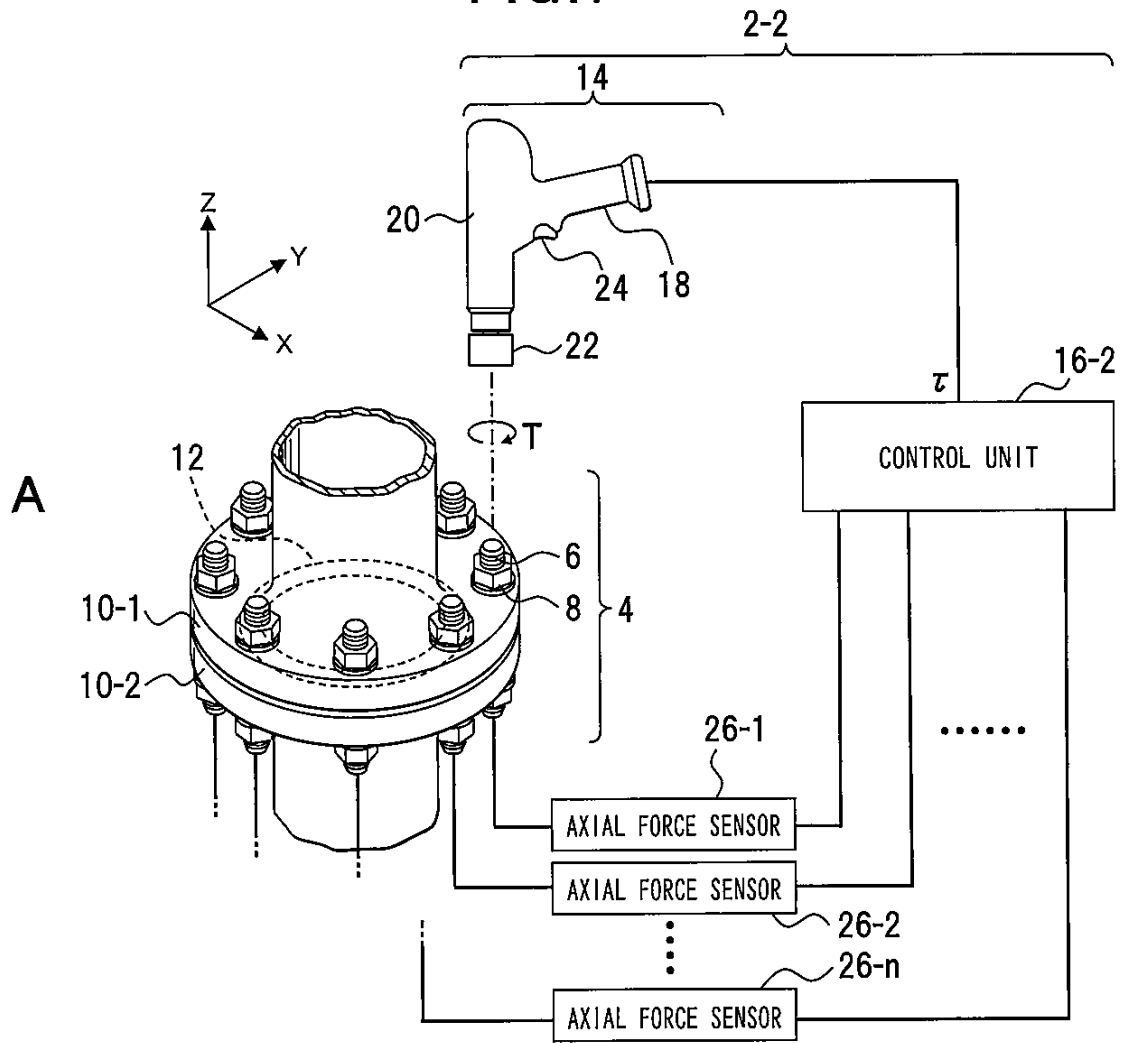


FIG.4



B

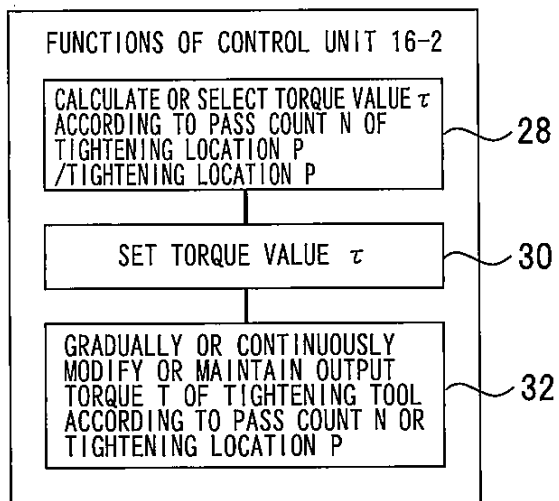


FIG.5

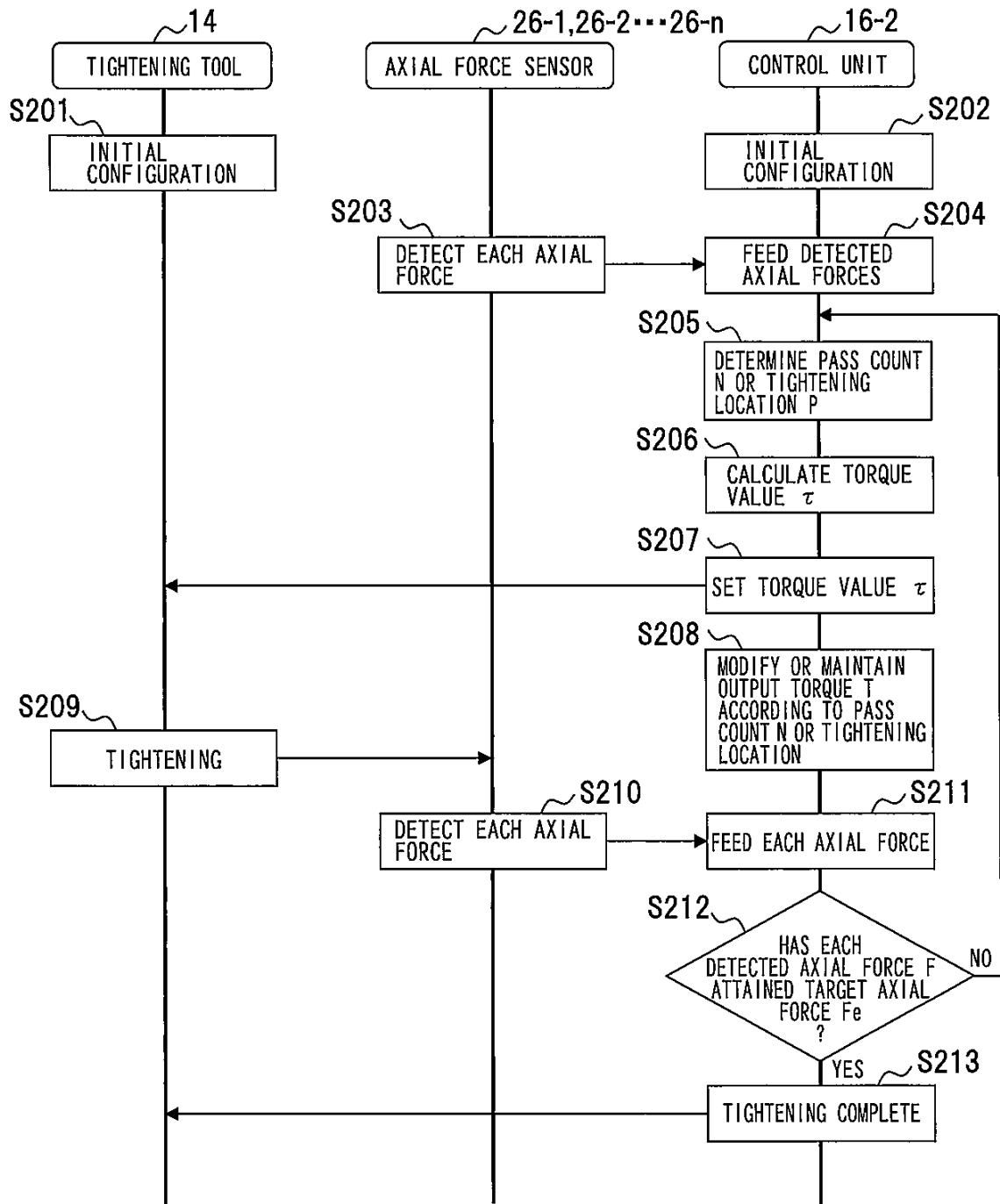


FIG.6

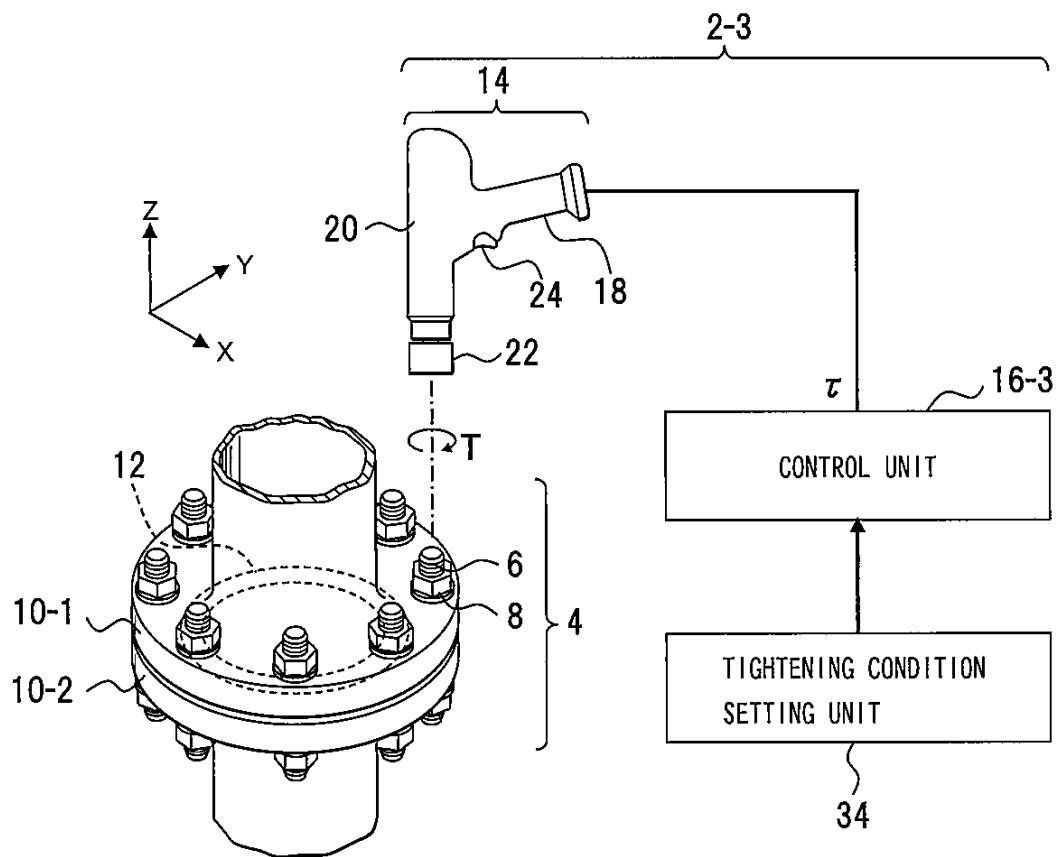


FIG. 7

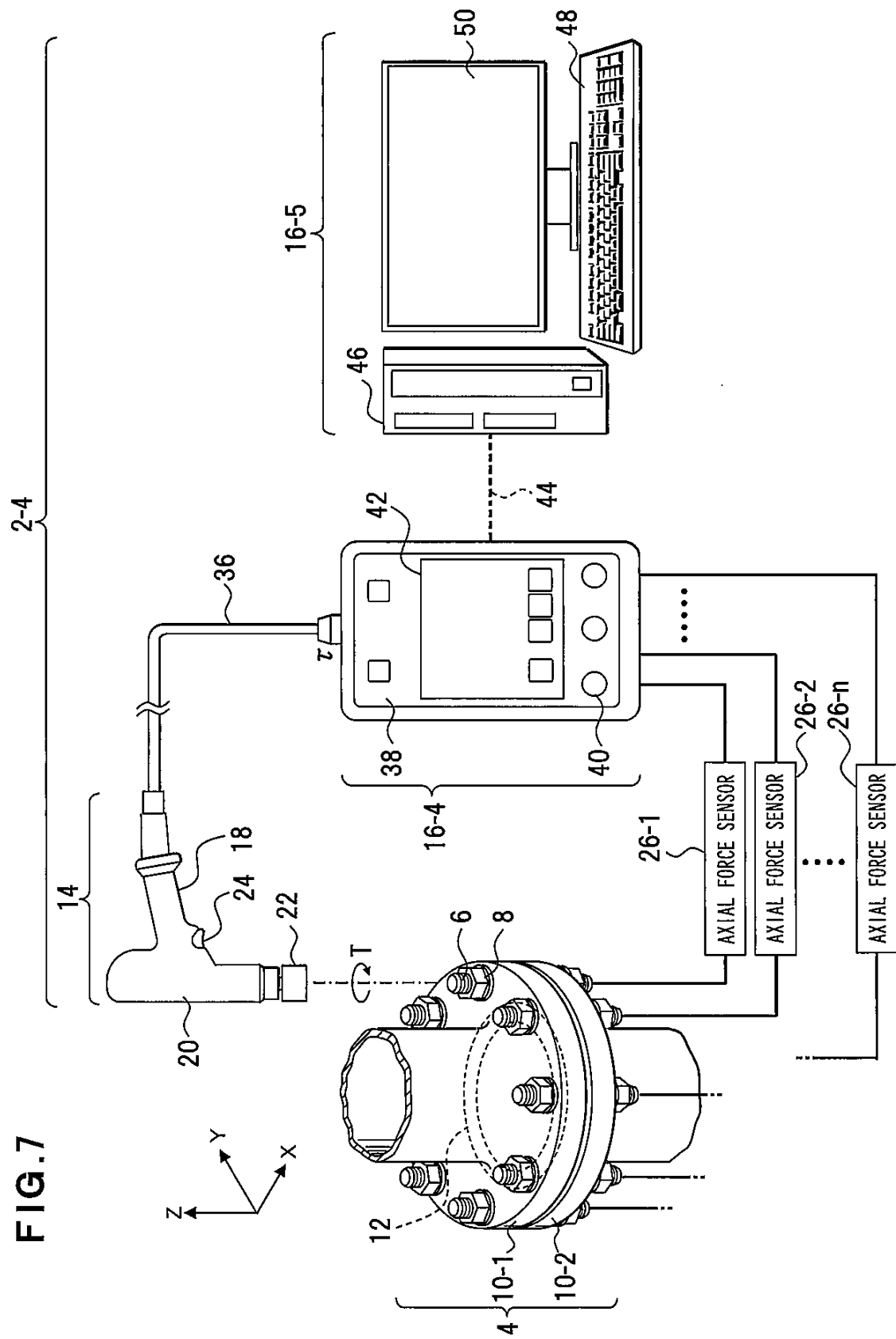


FIG.8

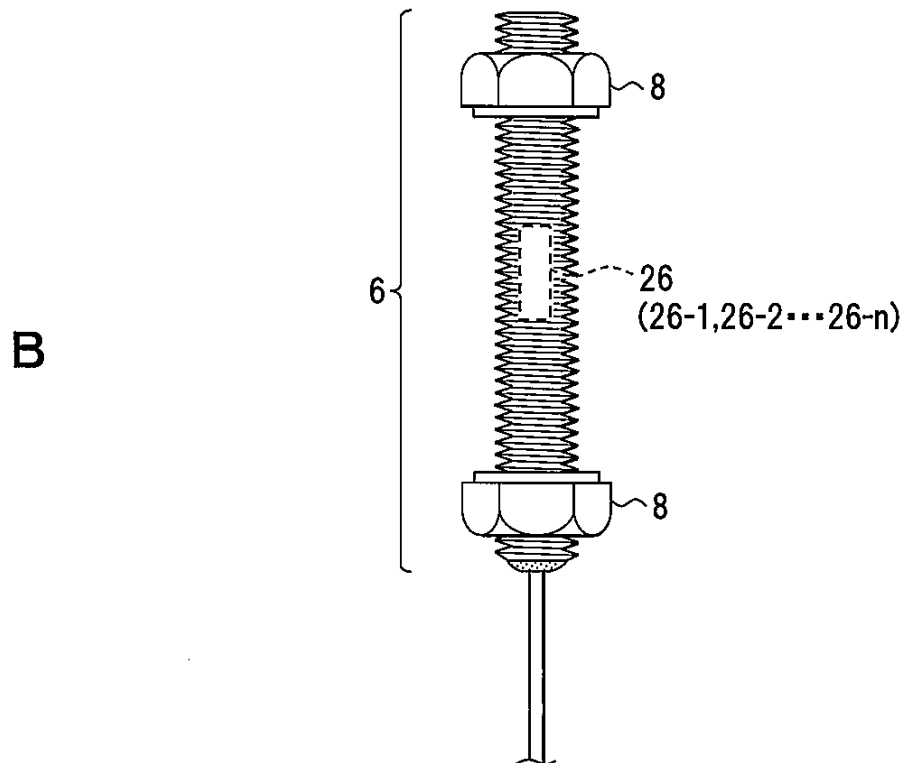
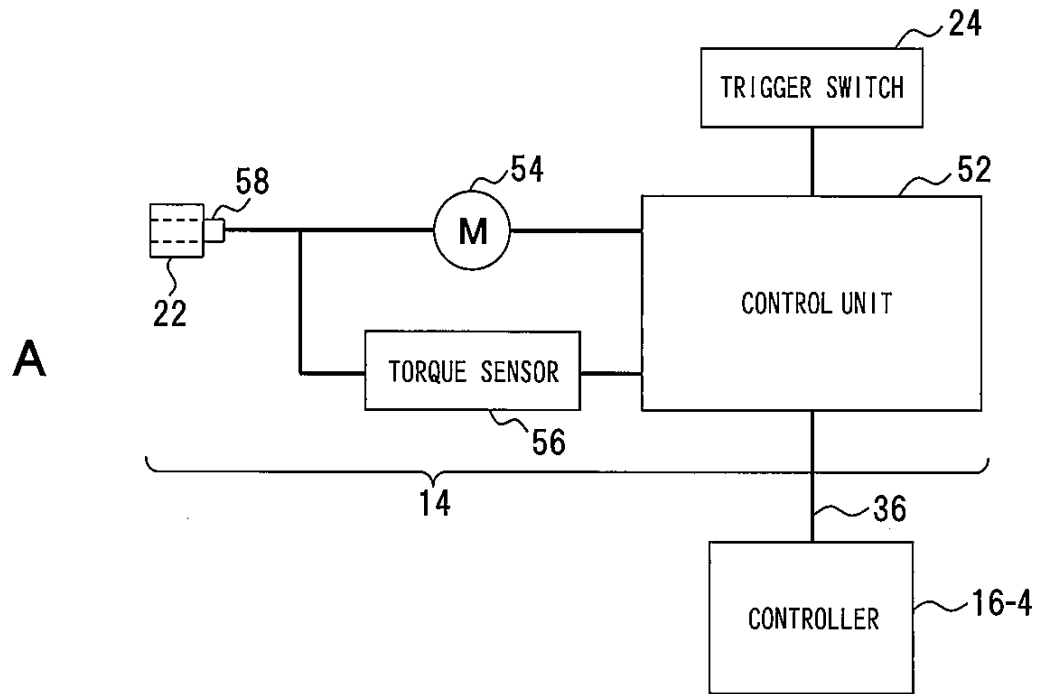


FIG.9

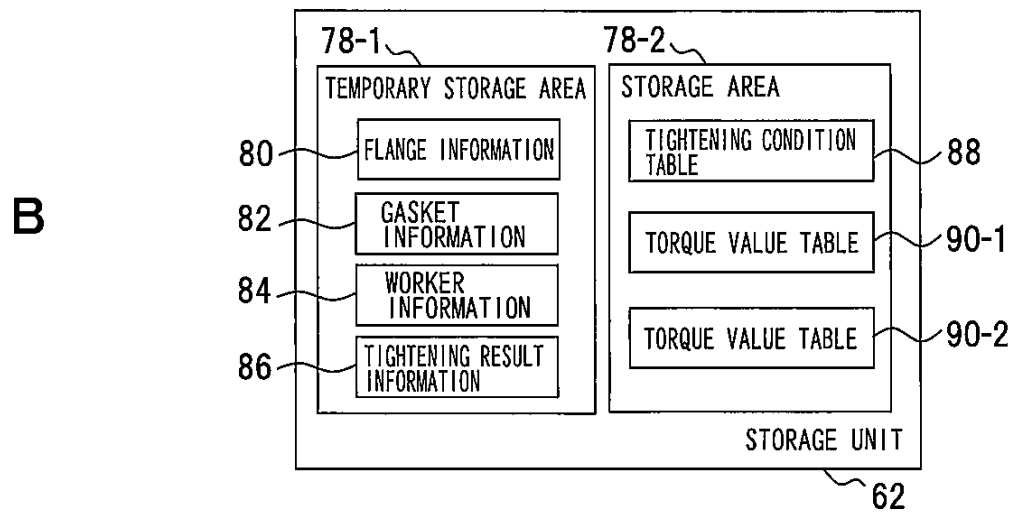
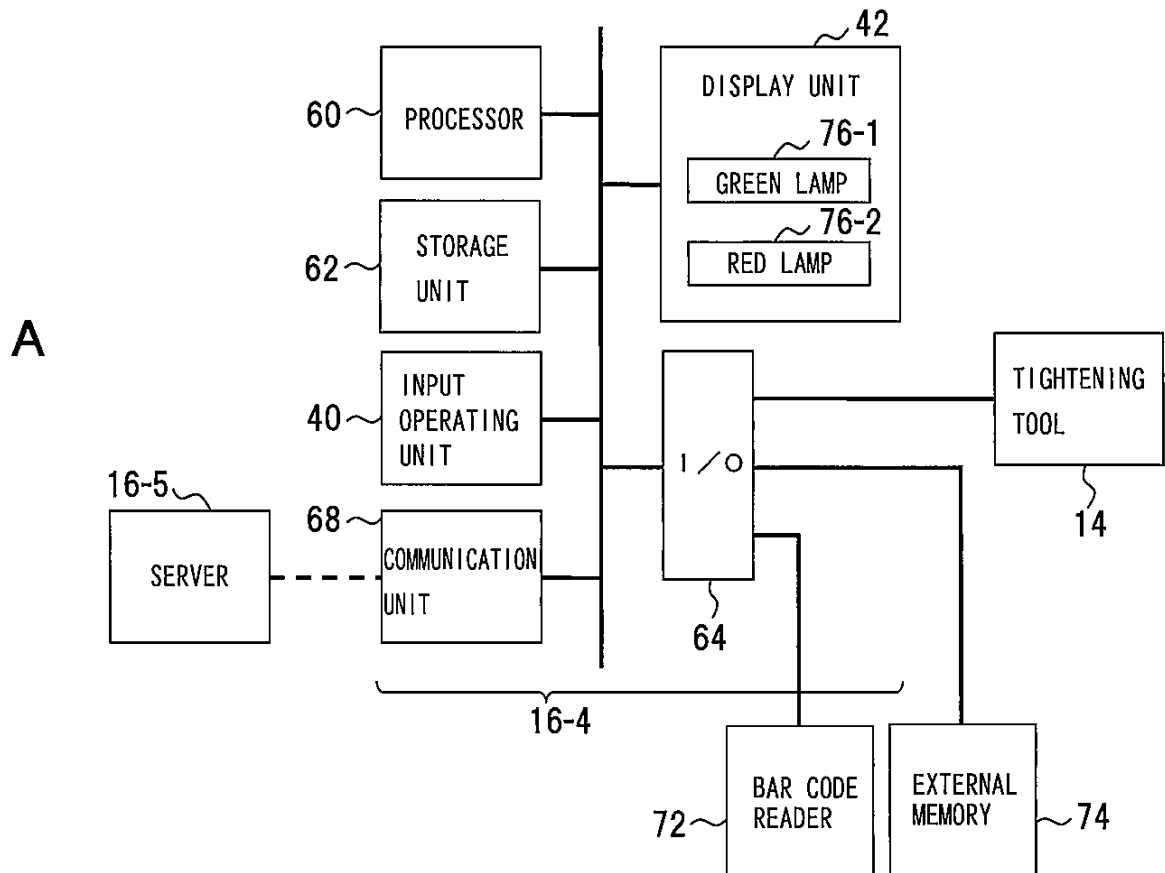


FIG.10

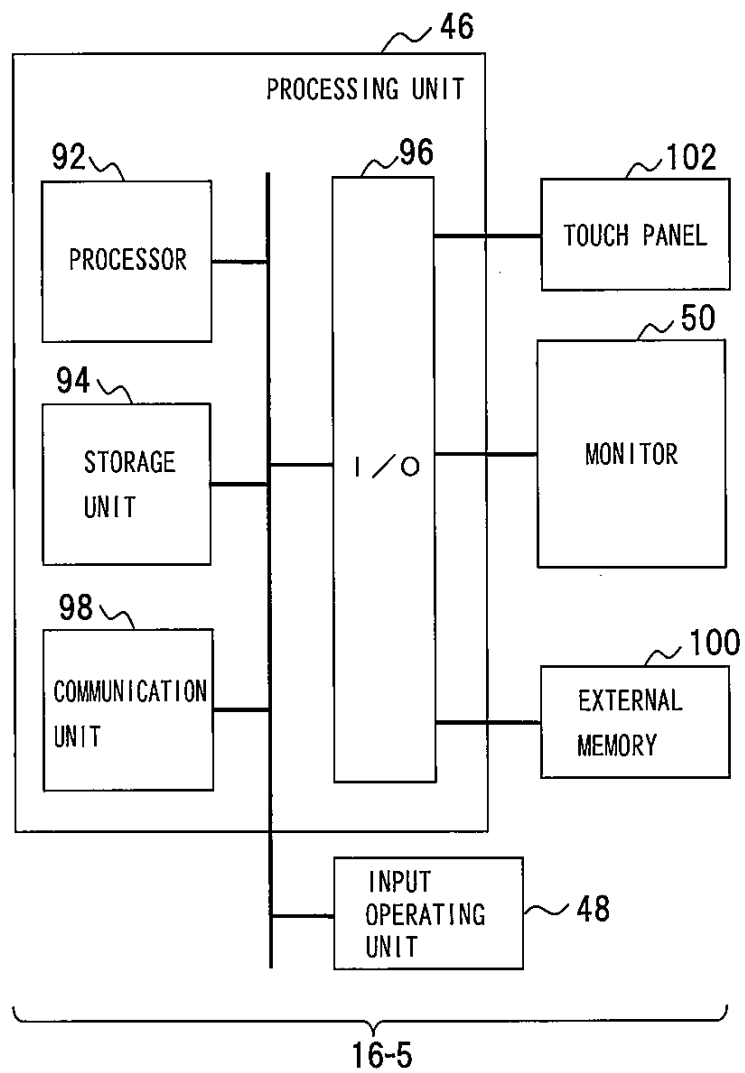


FIG. 11

TIGHTENING CONDITION TABLE 88

LINE	FLANGE No.	FLANGE DIMENSIONS	GASKET NUMBER	GASKET DIMENSIONS	NUMBER OF BOLTS	TIGHTENING CONDITION	Pass 1	Pass 2	Pass 3	.....	Pass 13
LineA	1	JIS10K15A	AAAAAAAAAAAA	.....	4	1	4	6	8	.....	26
LineA	2	JIS10K20A	AAAAAAAAAAAA	.....	4	2	5	8	10	.....	34
LineA	3	JP1300lb1B	AAAAAAAAAAAA	.....	4	3	8	12	16	.....	55
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
LineA	8	JP1300lb16B	BBBBBBBBBBBB	.....	20	8	53	81	108	.....	363
LineB	1	JIS10K15A	BBBBBBBBBBBB	.....	4	9	4	6	8	.....	26
LineB	2	JIS10K20A	BBBBBBBBBBBB	.....	4	10	5	8	10	.....	34
LineB	3	JP1300lb1B	BBBBBBBBBBBB	.....	4	11	8	12	16	.....	55
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
LineB	8	JP1300lb16B	CCCCCCCCCCCC	.....	20	16	53	81	108	.....	363

104
106
108
110
112

88

FIG.12

TORQUE VALUE TABLE 90-1

PASS COUNT N	TIGHTENING LOCATION P			
	P1	P2	.....	Pn
0	τ_{01}	τ_{02}	.....	τ_{0n}
1	τ_{11}	τ_{12}	.....	τ_{1n}
2	τ_{21}	τ_{22}		
⋮	⋮	⋮		⋮
n	τ_{n1}	τ_{n2}	.....	τ_{nn}

FIG.13

FIG.14

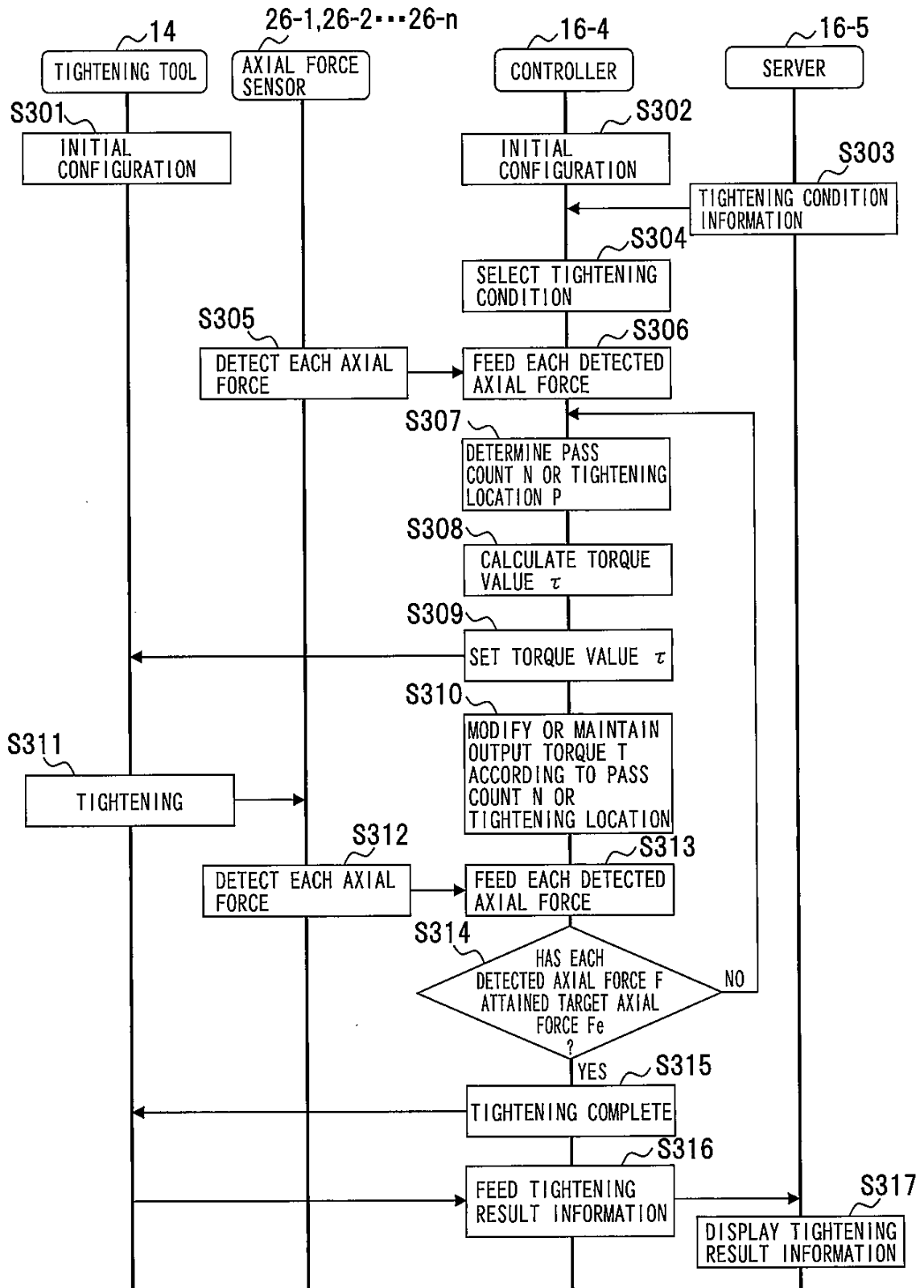
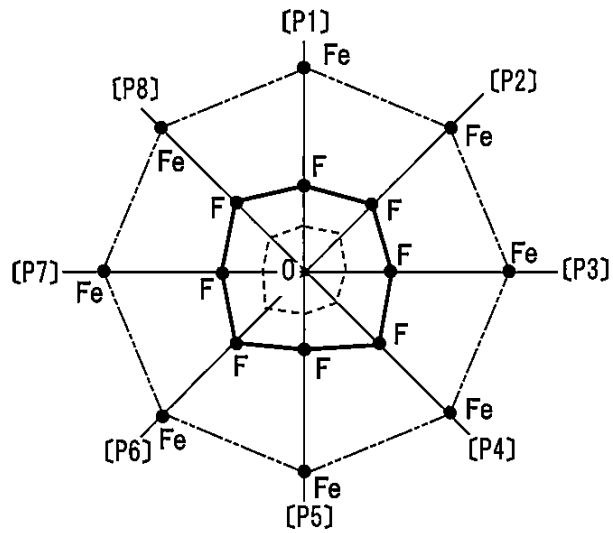
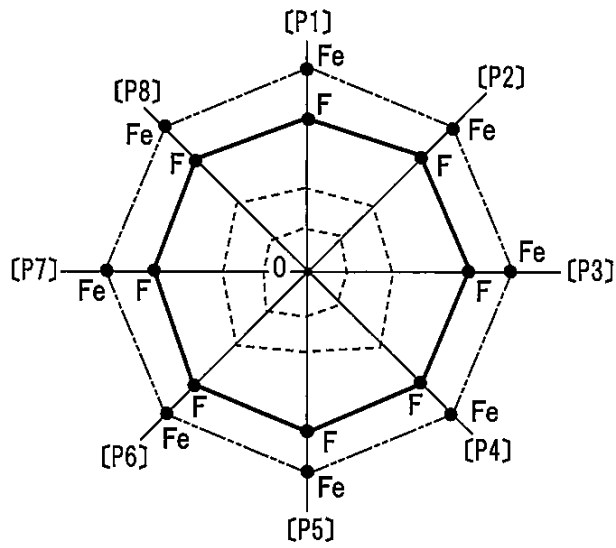


FIG.15

A
 $\left(\begin{array}{l} N=1 \\ F=0.3Fe \end{array} \right)$



B
 $\left(\begin{array}{l} N=2 \\ F=0.7Fe \end{array} \right)$



C
 $\left(\begin{array}{l} N=3 \\ F=Fe \end{array} \right)$

