

FIG.1

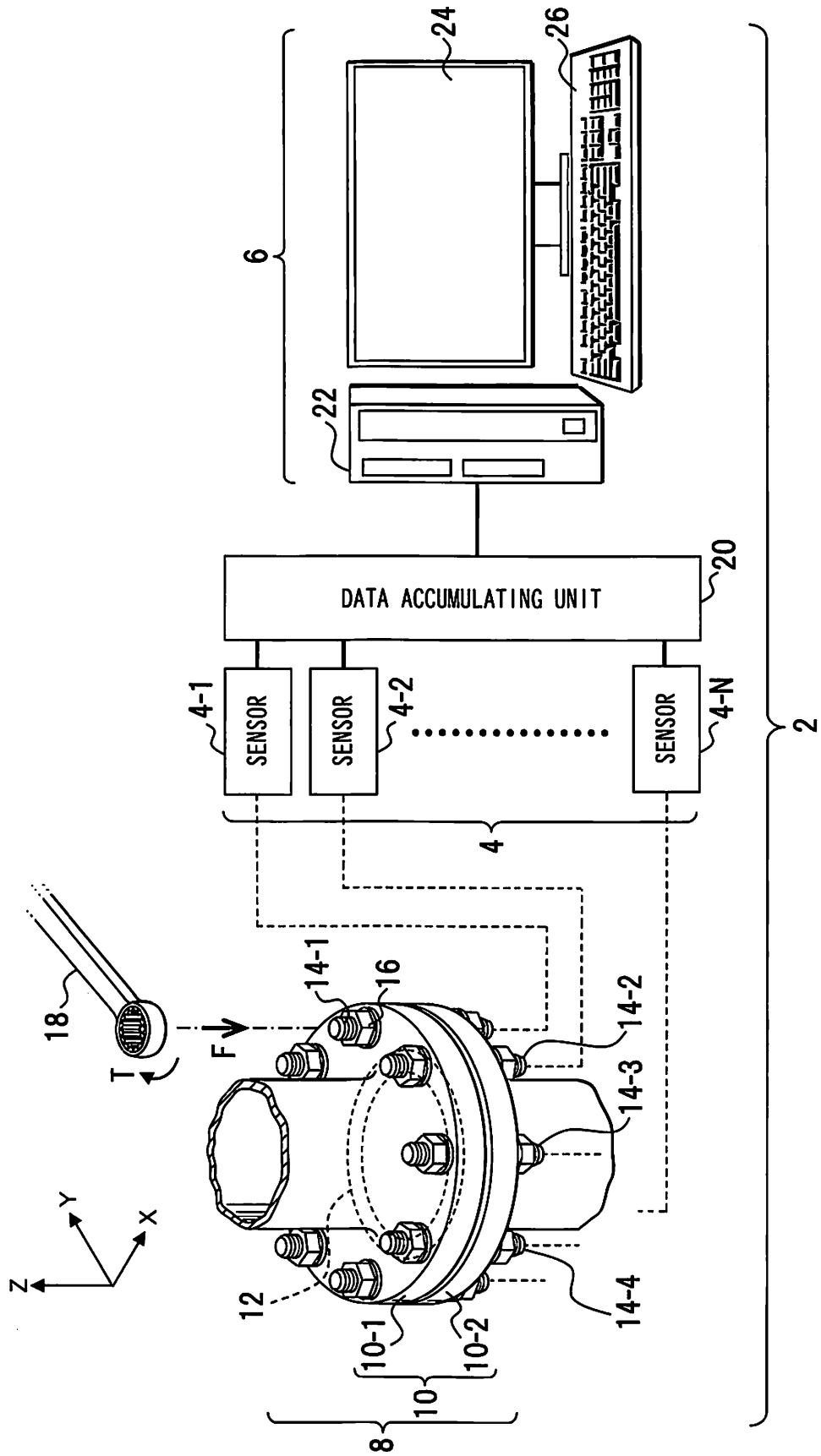


FIG.2

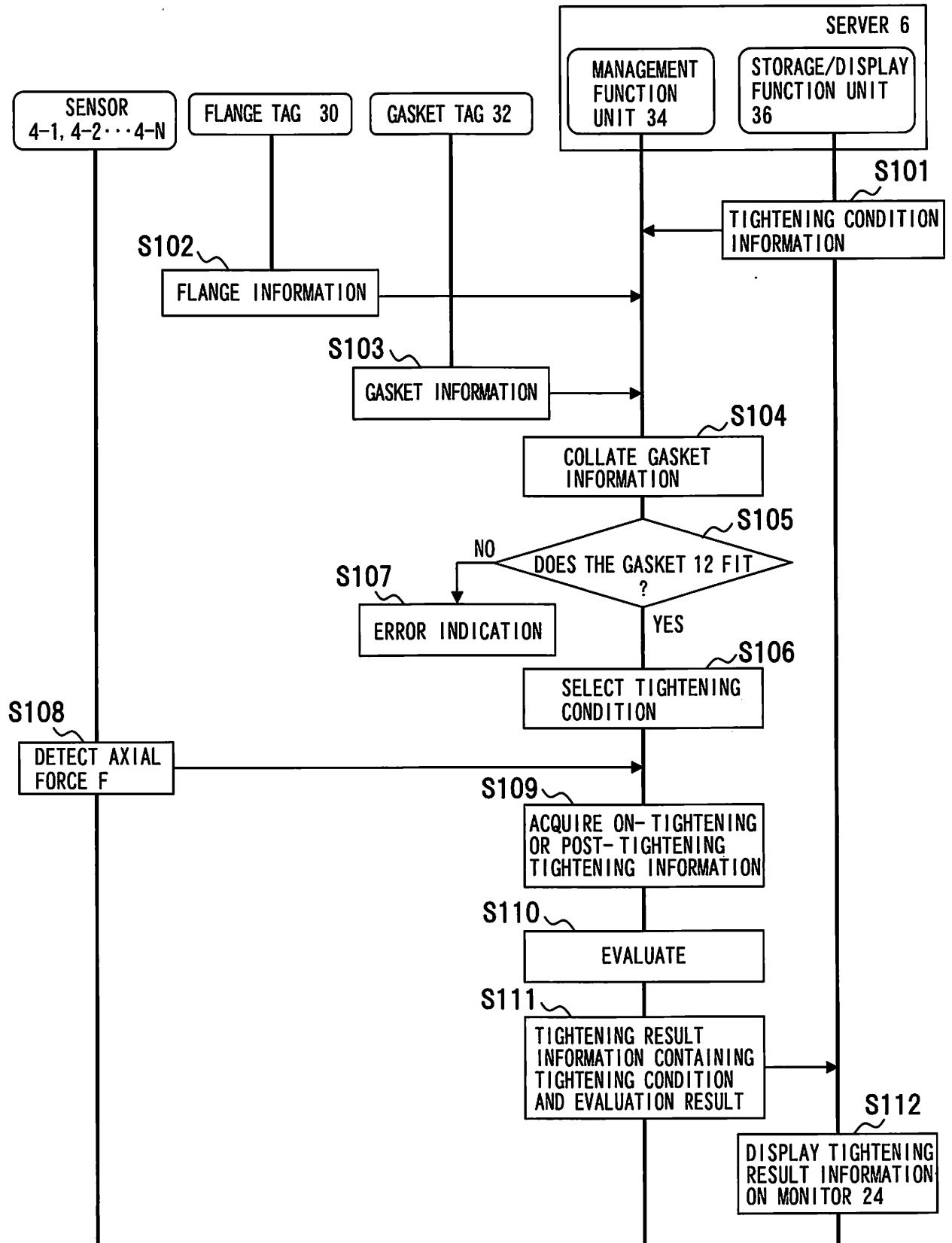


FIG.3

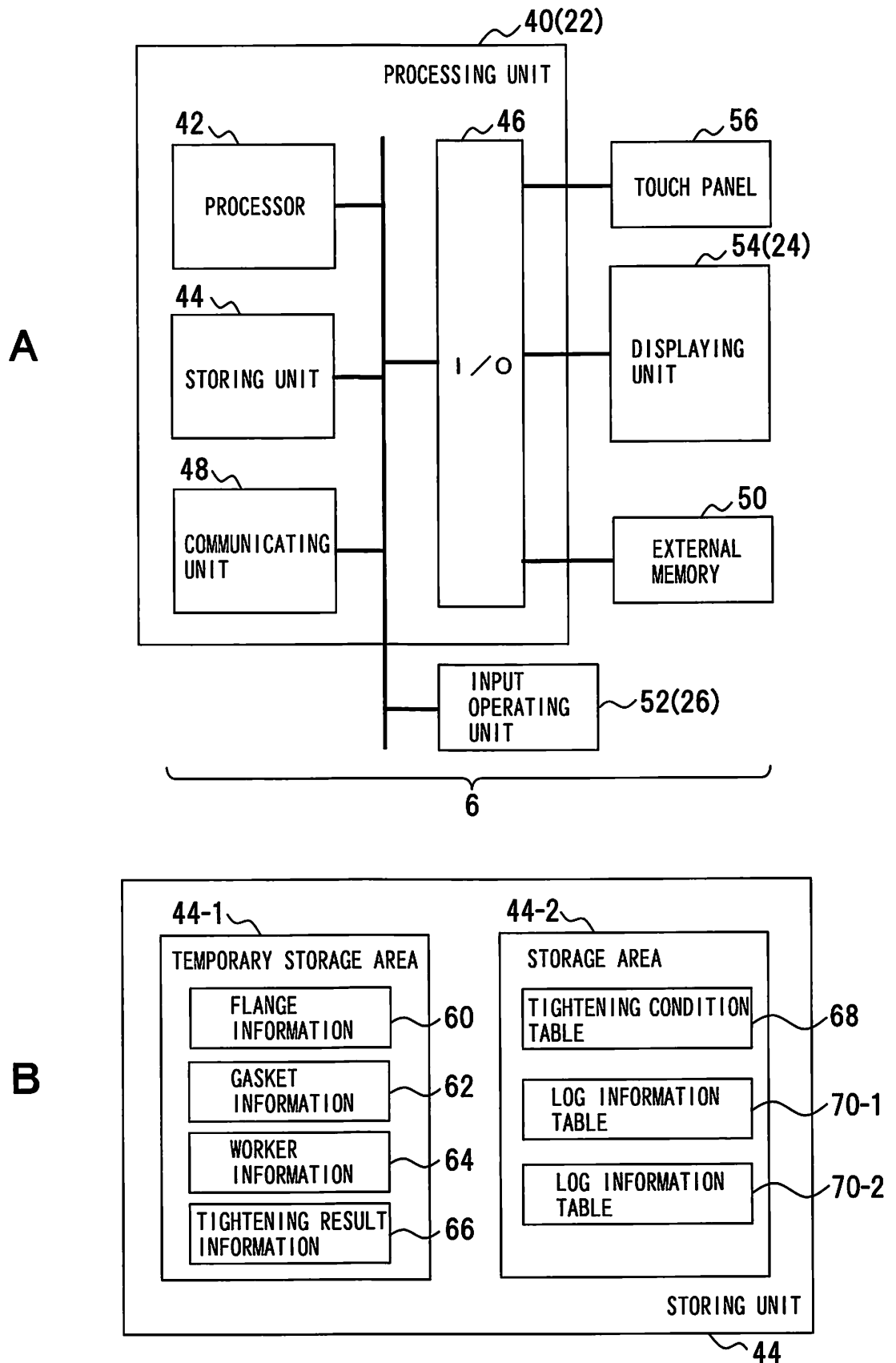


FIG.4

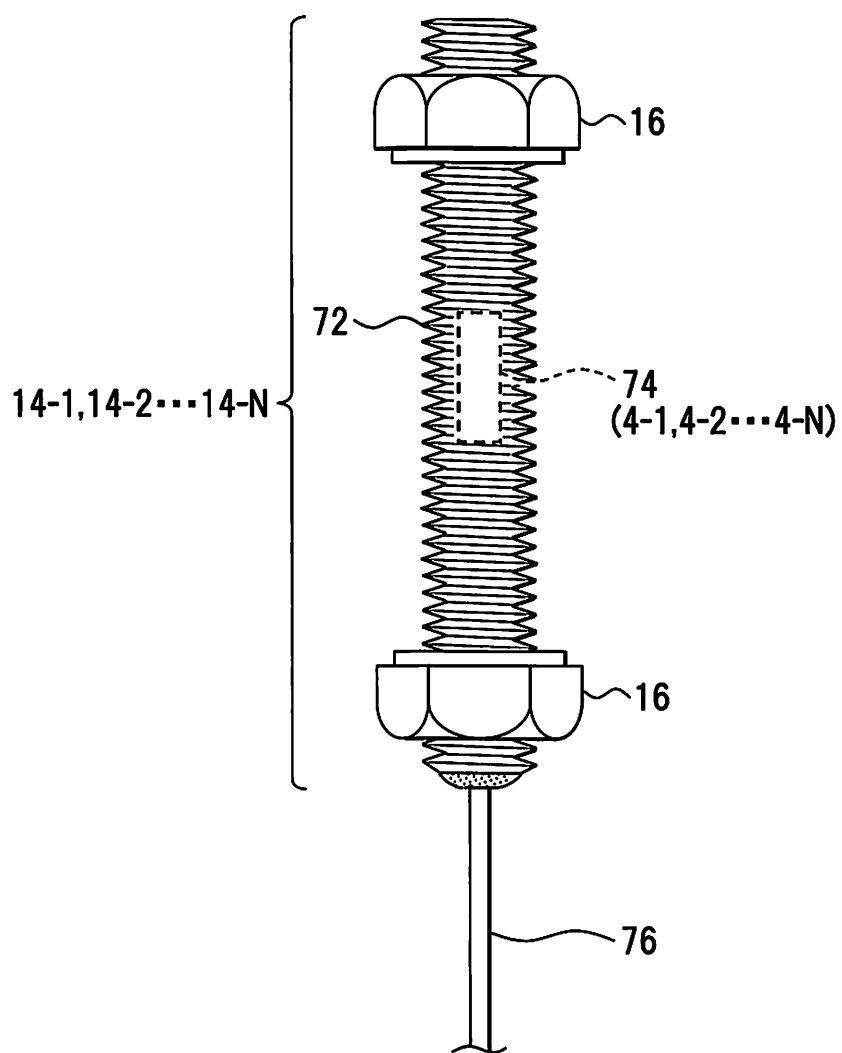


FIG.5

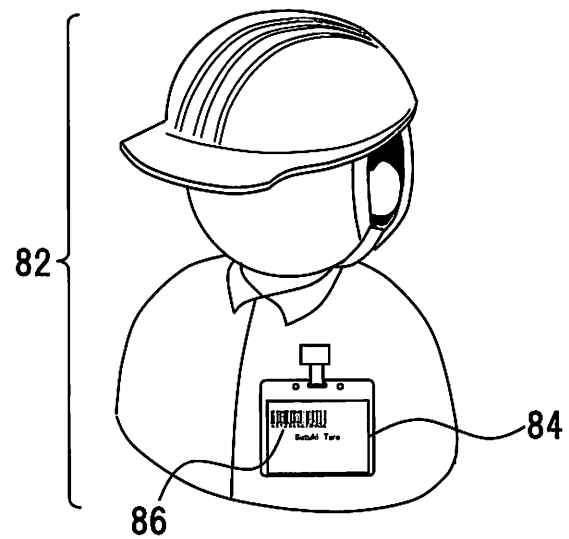
A
[WORKER INFORMATION TABLE]

ID	COMPANY NAME	WORKER NAME
0001	C1	AA
0002	C2	BB
0003	C3	CC
⋮	⋮	⋮
0010	CN	JJ

80-1
80-2
80-3

80

B
[WORKER TAG]



C
[WORKER TAG INFORMATION]

WORKER TAG INFORMATION		
WORKER ID	COMPANY NAME	WORKER NAME
0 0 0 1	C 1	A A
⋮	⋮	⋮

88

FIG.6

TIGHTENING CONDITION TABLE 68

LINE NAME	FLANGE NUMBER	FLANGE DIMENSIONS	GASKET PART NO.	GASKET DIMENSIONS	NUMBER OF BOLTS	TIGHTENING CONDITION NO.	Pass 1	Pass 2	Pass 3	.....	Pass 13
LineA	1	JIS10K15A	6596VSESZZZt3	.....	4	1	4	6	8	.....	26
LineA	2	JIS10K20A	6596VSESZZZt3	.....	4	2	5	8	10	.....	34
LineA	3	JPJ300lb1B	6596VSESZZZt3	.....	4	3	8	12	16	.....	55
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
LineA	8	JPJ300lb16B	MJ	.....	20	8	53	81	108	.....	363
LineB	1	JIS10K15A	6596VSESZZZt3	.....	4	9	4	6	8	.....	26
LineB	2	JIS10K20A	6596VSESZZZt3	.....	4	10	5	8	10	.....	34
LineB	3	JPJ300lb1B	6596VSESZZZt3	.....	4	11	8	12	16	.....	55
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
LineB	8	JPJ300lb16B	MJ	.....	20	16	53	81	108	.....	363

68-1

68-2

68-3

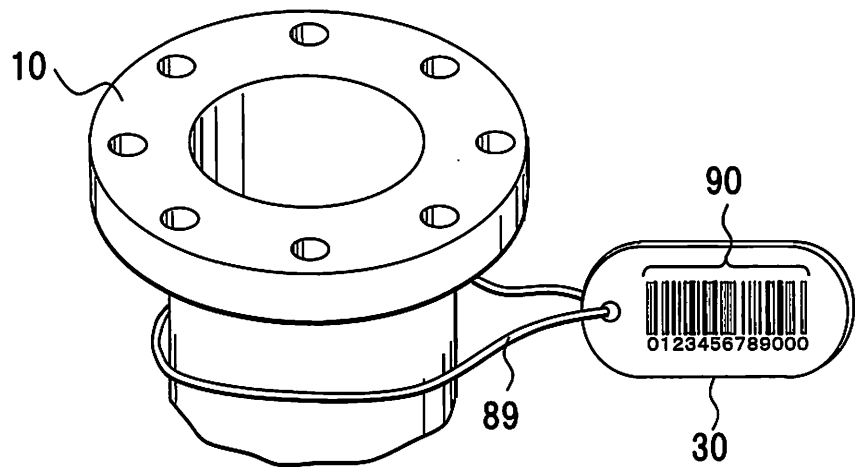
68-4

68-5

68

FIG.7

A
[FLANGE TAG 30]

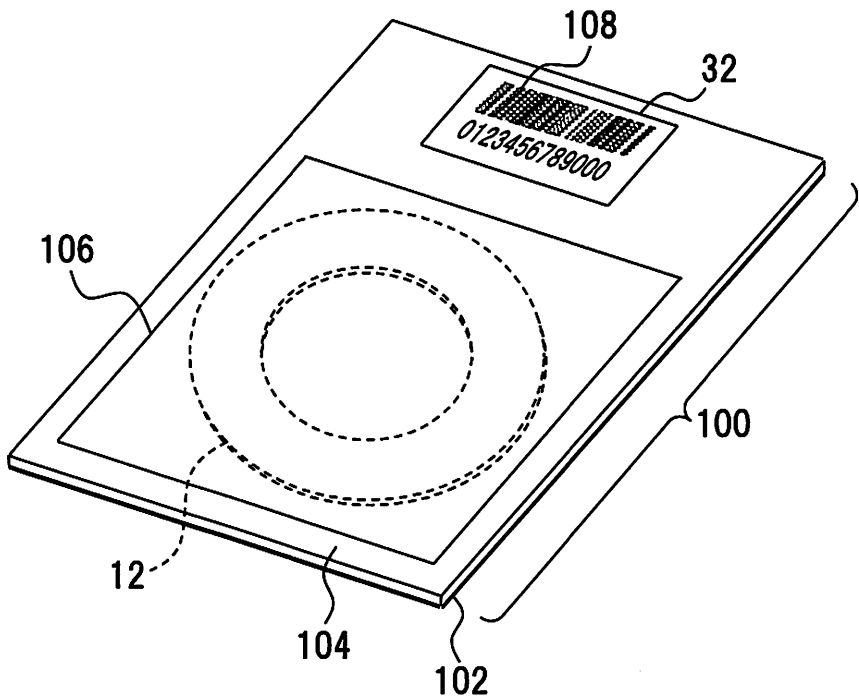


B
[FLANGE TAG
INFORMATION 92]

FLANGE TAG INFORMATION		
92-1	LINE NAME	LineA
92-2	FLANGE NUMBER	1
	DIMENSIONS	1501b4B
92-3	GASKET PART NO.	GF300t3.0
92-4	TIGHTENING CONDITION NUMBER (TIGHTENING PROCEDURE)	1
92		

FIG.8

A
[GASKET TAG 32]



B
[GASKET TAG
INFORMATION 110]

GASKET TAG INFORMATION	
GASKET PART NO.	GF300t3. 0
DIMENSIONS	150lb4B

110

FIG.9

A [TIGHTENING RESULT INFORMATION 120]

120-1 {	TIGHTENING CONDITION NO.	LineA
	INDIVIDUAL BOLT TIGHTENING CONDITION	1
120-2 ~	EXECUTION DATE AND TIME	3/4 10:00
120-3 ~	TIGHTENING ERROR DETERMINATION	OK.
120-4 ~	TIGHTENING RESULT (TORQUE)	100N·m
120-5 ~	TIGHTENING RESULT (NUT ROTATION ANGLE)	10°

120

B [LOG INFORMATION TABLE 70-1]

LINE NAME	FLANGE NUMBER	FLANGE DIMENSIONS	GASKET PART NO.	NUMBER OF BOLTS	TIGHTENING CONDITION NO.	TIGHTENING RESULT			WORKER ID
						PASS NO.	PASS 1	LAST PASS	
LineA	1	JIS10K15A	6596VSESZZZt3	4	1	13	4	26	0000
LineA	2	JIS10K20A	6596VSESZZZt3	4	2	13	5	34	0000
LineA	3	JPI300lb1B	6596VSESZZZt3	4	3	13	8	55	0000
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
LineA	8	JPI300lb16B	MJ	20	8	13	53	363	0000
LineB	1	JIS10K15A	6596VSESZZZt3	4	9	13	4	26	0001
LineB	2	JIS10K20A	6596VSESZZZt3	4	10	13	5	34	0001
LineB	3	JPI300lb1B	6596VSESZZZt3	4	11	13	8	55	0001
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮	⋮
LineB	8	JPI300lb16B	MJ	20	16	13	53	363	0002

70-11	70-12	70-13	70-14	70-15	70-16	70-17
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70-1

FIG. 10

LINE NAME	FLANGE NUMBER	GASKET PART NO.	GASKET DIMENSIONS	WORKER ID	TIGHTENING CONDITION NO.	EXECUTION DATE AND TIME	ERROR DETERMINATION	FIRST PASS TIGHTENING RESULT BOLT1	BOLT8	LAST PASS TIGHTENING RESULT BOLT1		BOLT8	PASS NUMBER-OF-TIME
Line A	1	GF300 T3.0	1501b4B	0000	1	3/4 10:00	OK	20	....	110	....	110	10
...	...	...	...	...	...	...	...	...		...		...	...
...	...	...	...	...	...	...	...	...		...		...	...
Line B	1	6596V SE5ZZ	10K25A	0000	4	3/4 10:45	OK	10	....	60	....	60	10
...	...	...	...	...	...	...	...	...		...		...	...
...	...	...	...	...	...	...	...	...		...		...	...

70-21 { 70-22
{ 70-23
{ 70-25
{ 70-27
{ 70-29
{ 70-30
{ 70-31
{ 70-32

70-2

FIG.11

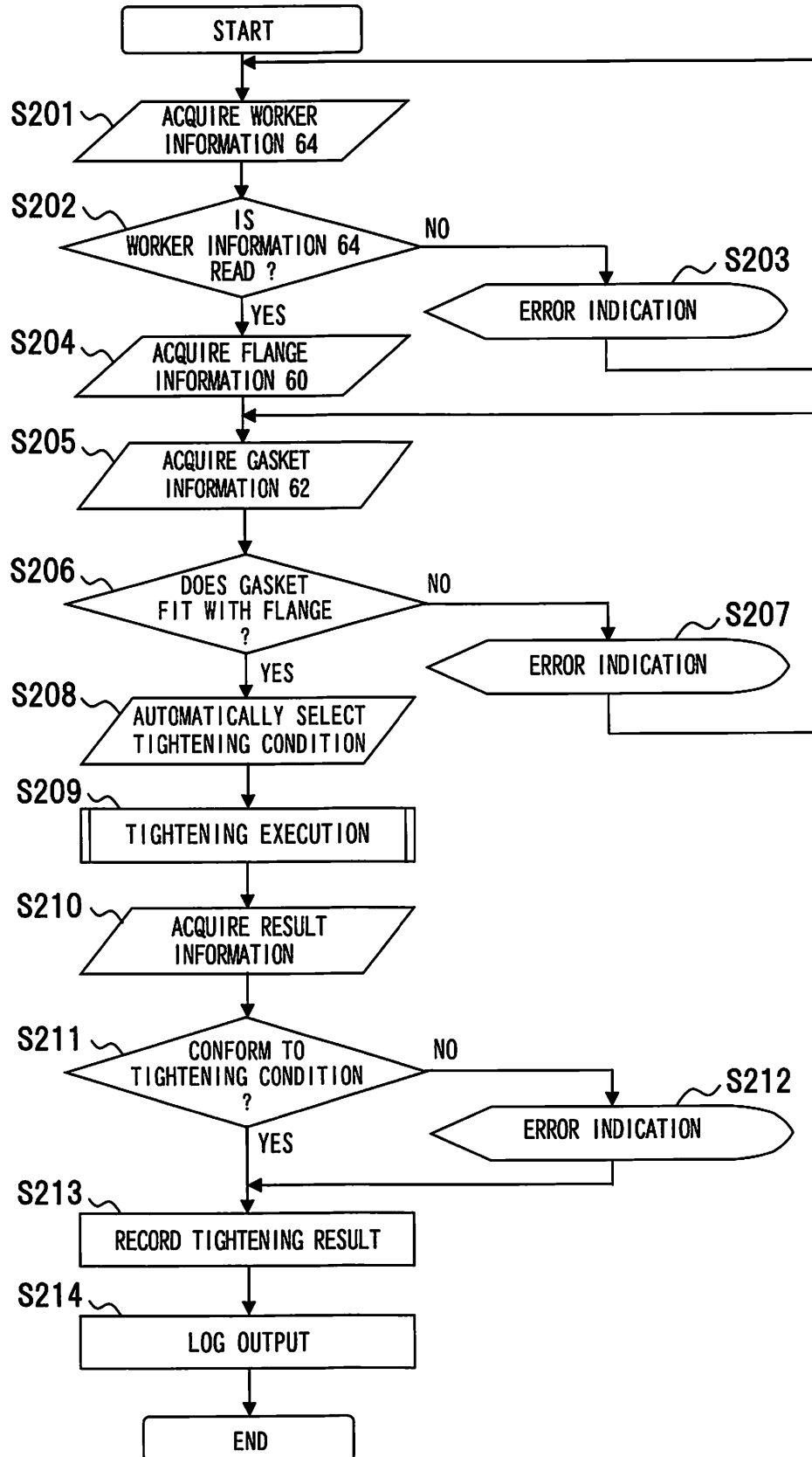


FIG.12

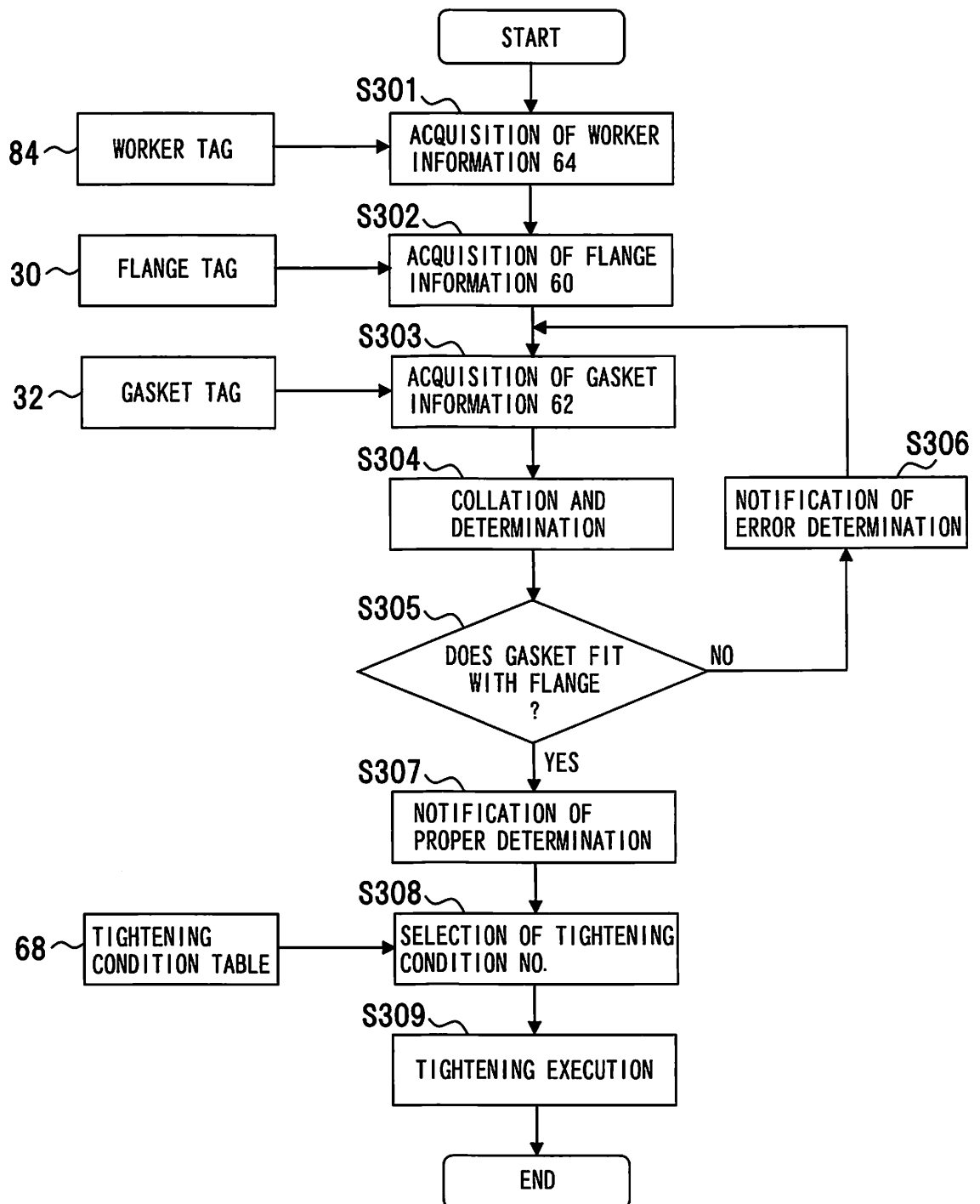


FIG.13

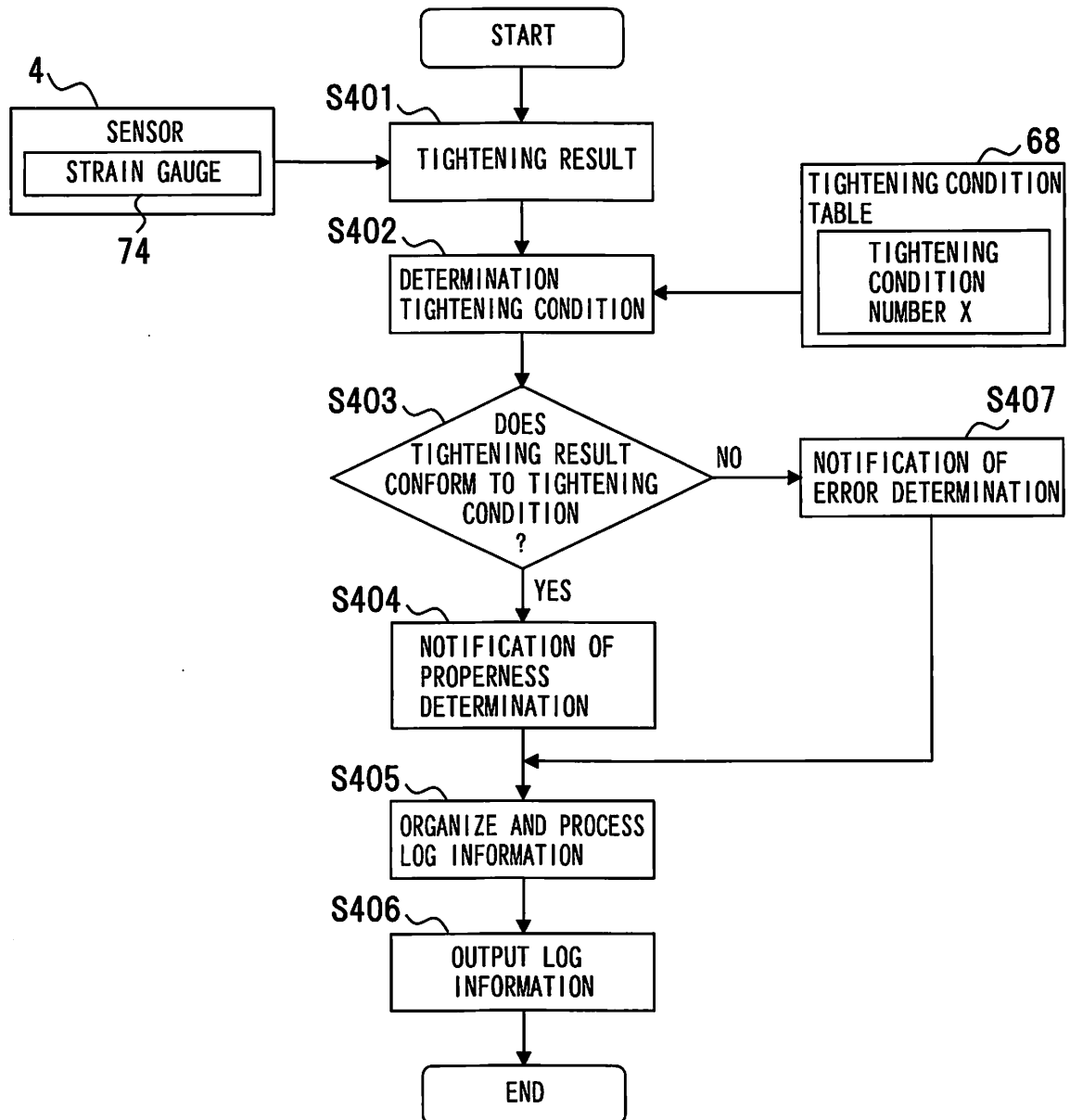


FIG.14

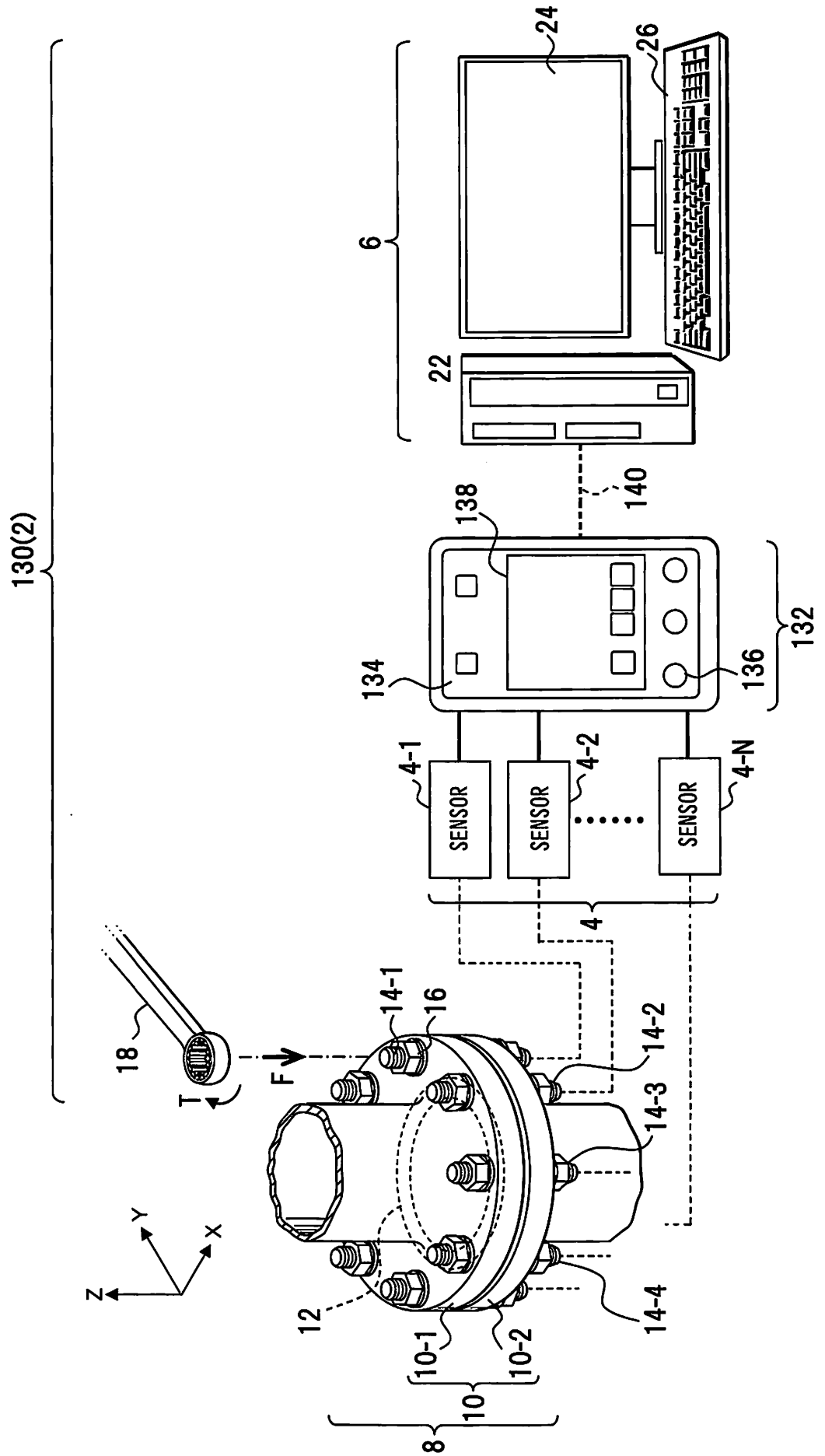


FIG.15

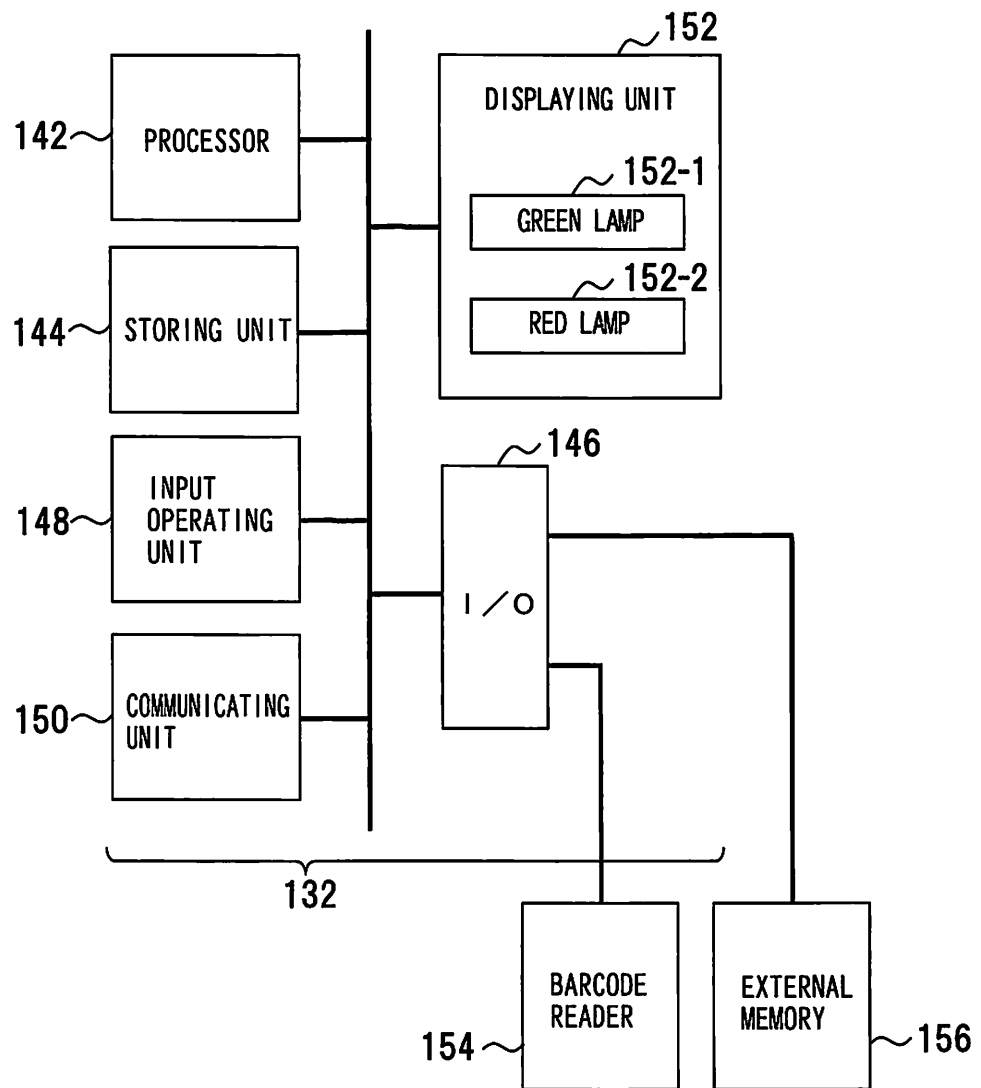


FIG.16

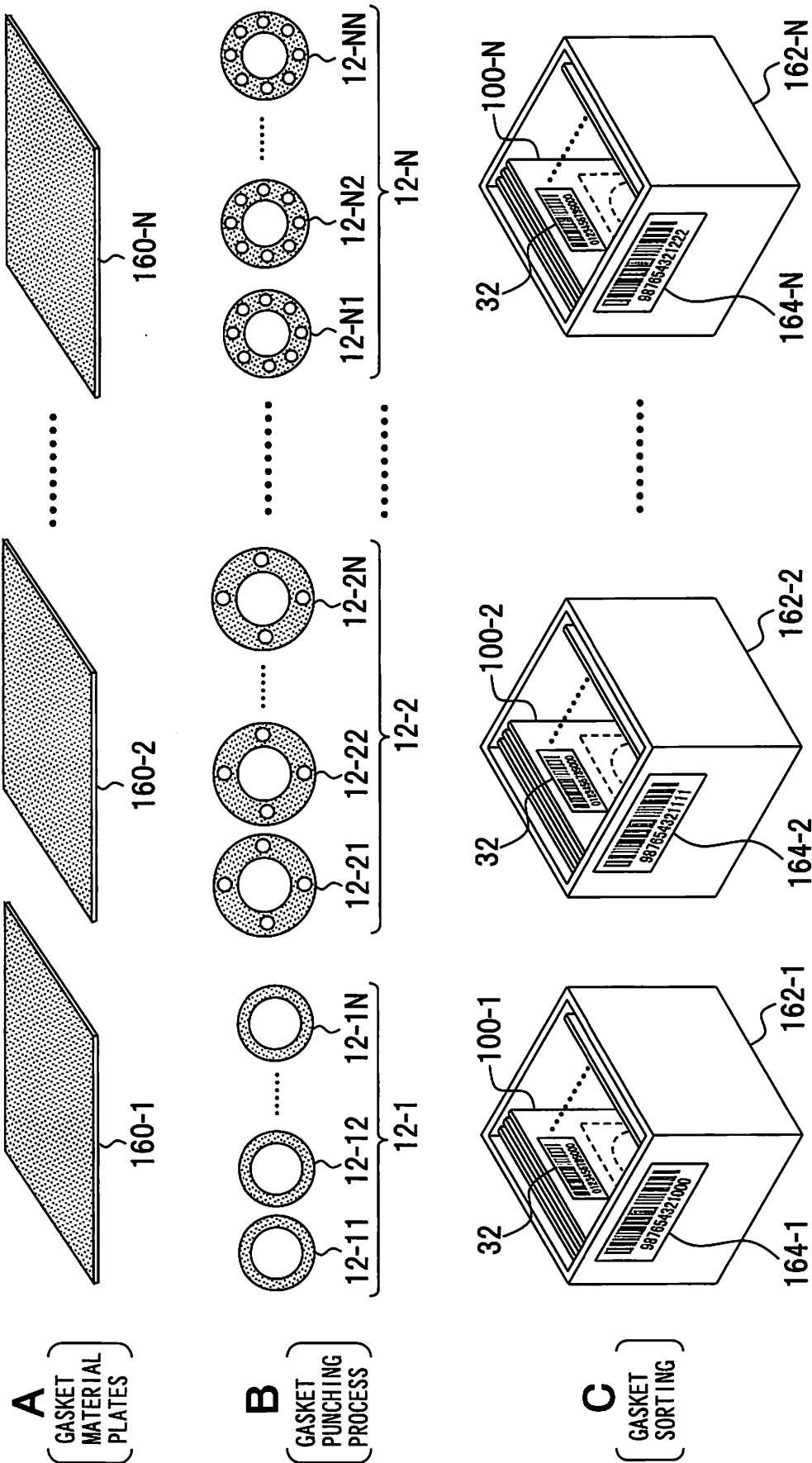


FIG.17

