DRAWINGS

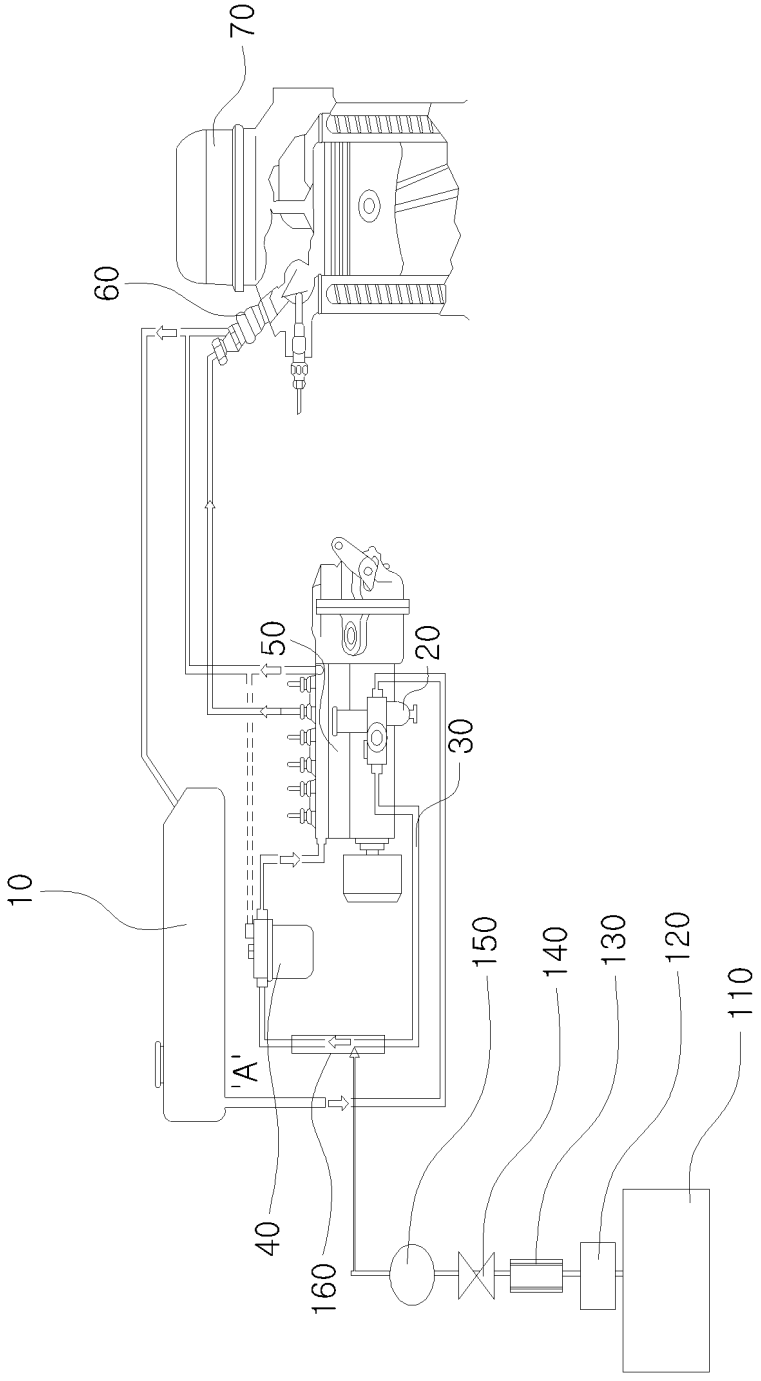

FIG. 1

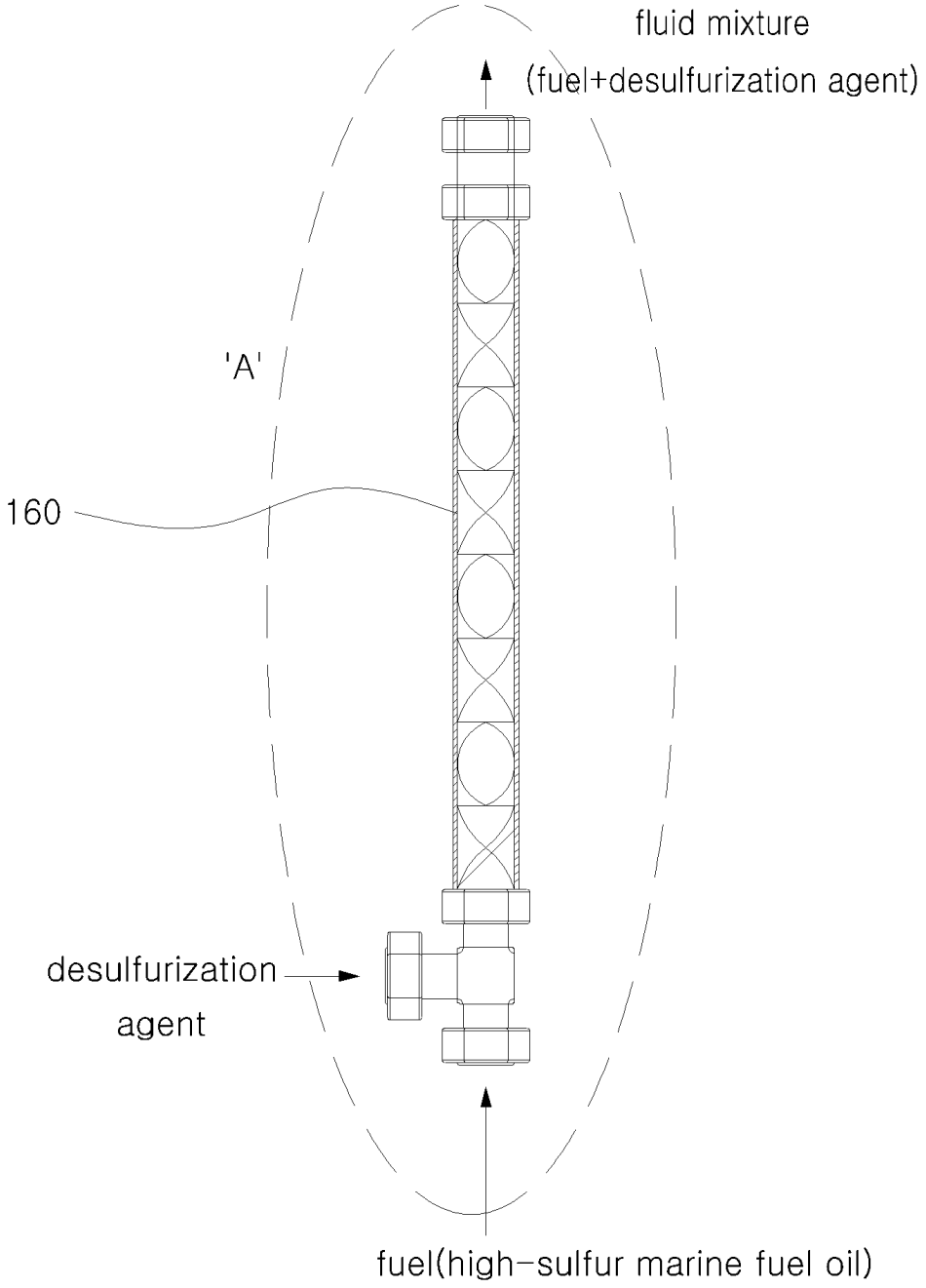
fluid mixture
(fuel+desulfurization agent)
'A'
160
desulfurization
agent
fuel(high-sulfur marine fuel oil)

FIG. 2

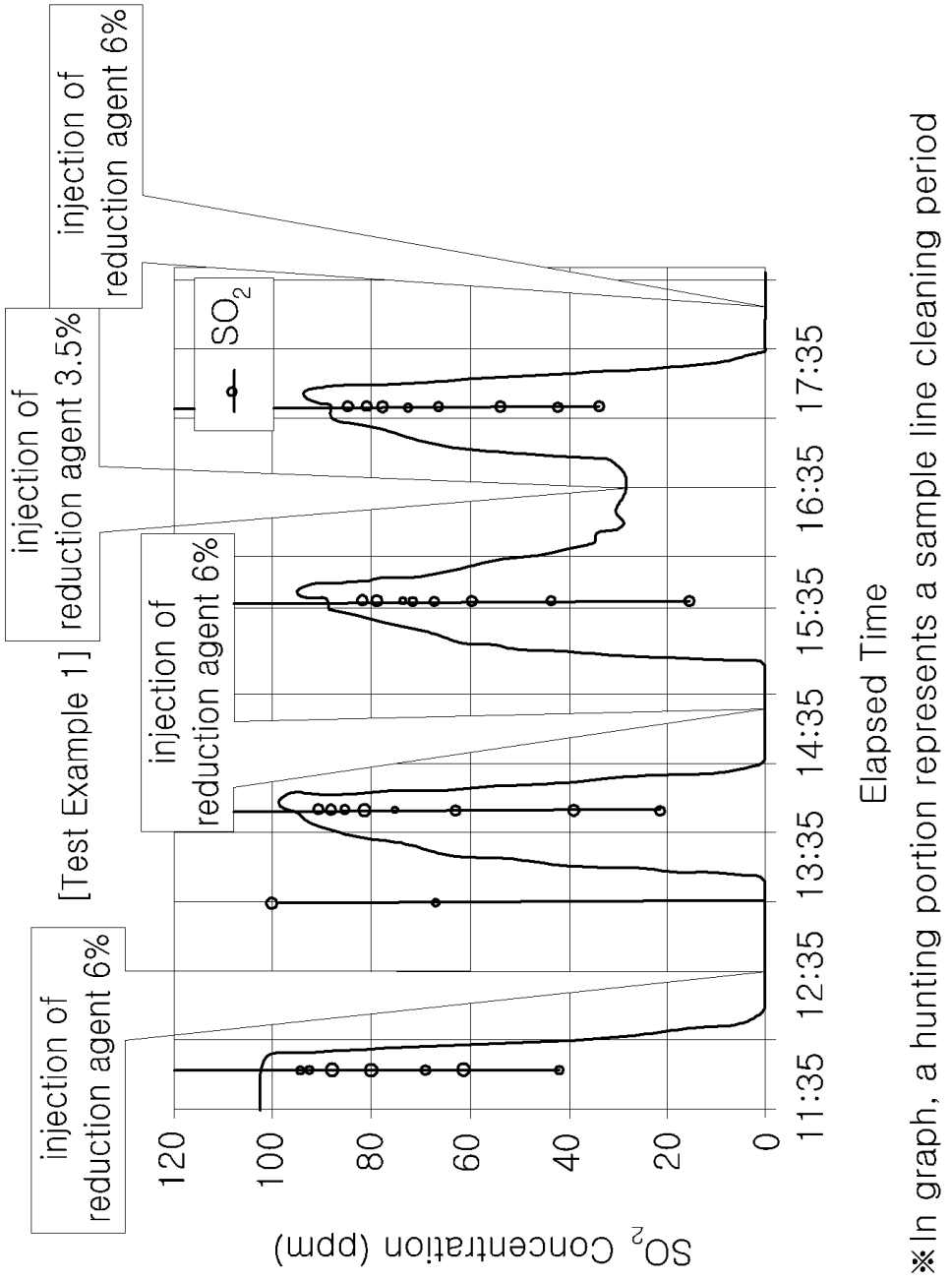
injection of reduction agent 6%
[Test Example 1]
injection of reduction agent 3.5%
injection of reduction agent 6%
injection of reduction agent 6%
SO2
120
100
80
60
40
20
0
SO2 Concentration (ppm)
11:35
12:35
13:35
14:35
15:35
16:35
17:35
Elapsed Time
※In graph, a hunting portion represents a sample line cleaning period or a filter replacement period.

FIG. 3

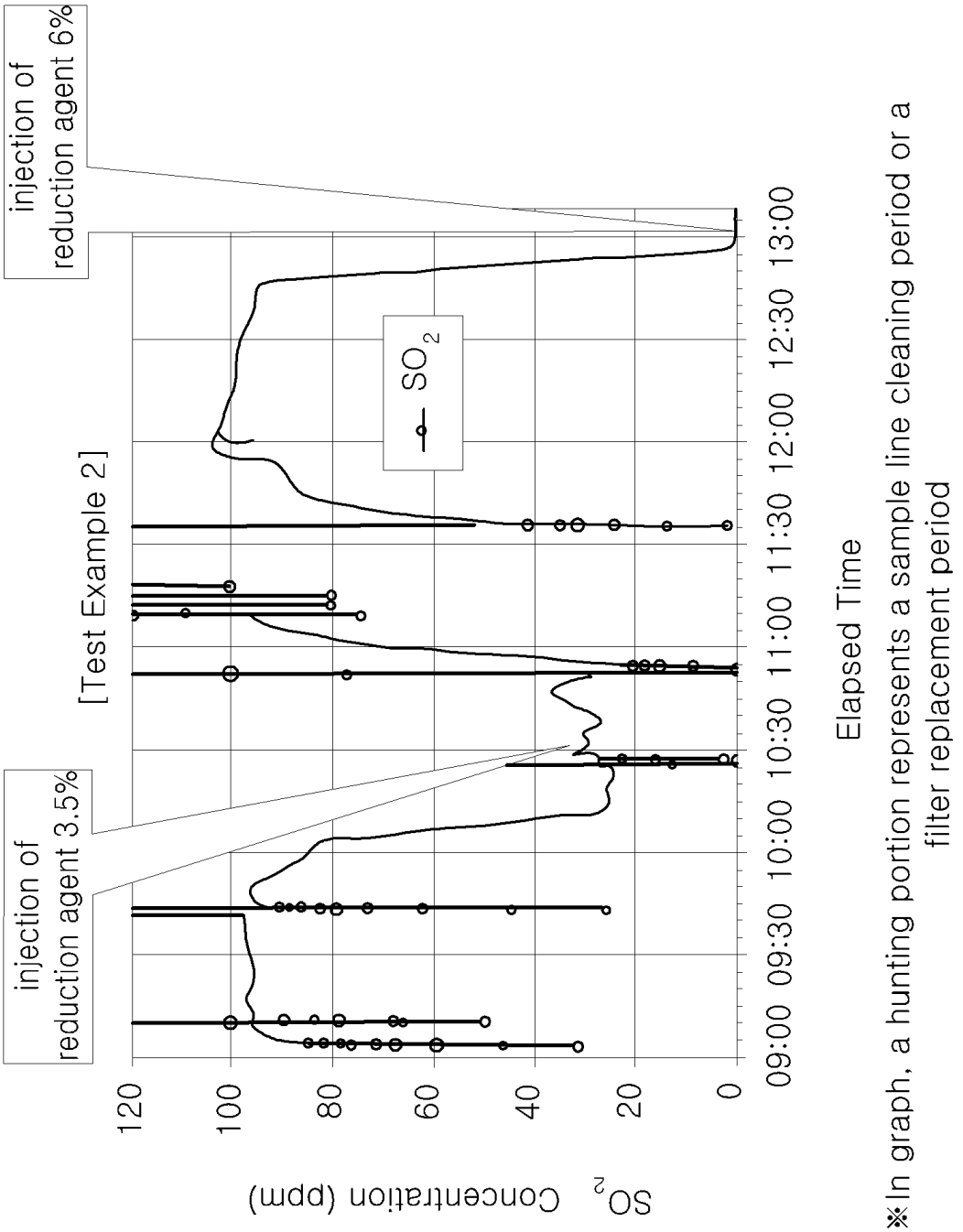
injection of reduction agent 6%
injection of reduction agent 3.5%
[Test Example 2]
SO2
SO2 Concentration (ppm)
120
100
80
60
40
20
0
09:00 09:30 10:00 10:30 11:00 11:30 12:00 12:30 13:00
Elapsed Time
※In graph, a hunting portion represents a sample line cleaning period or a filter replacement period

FIG. 4

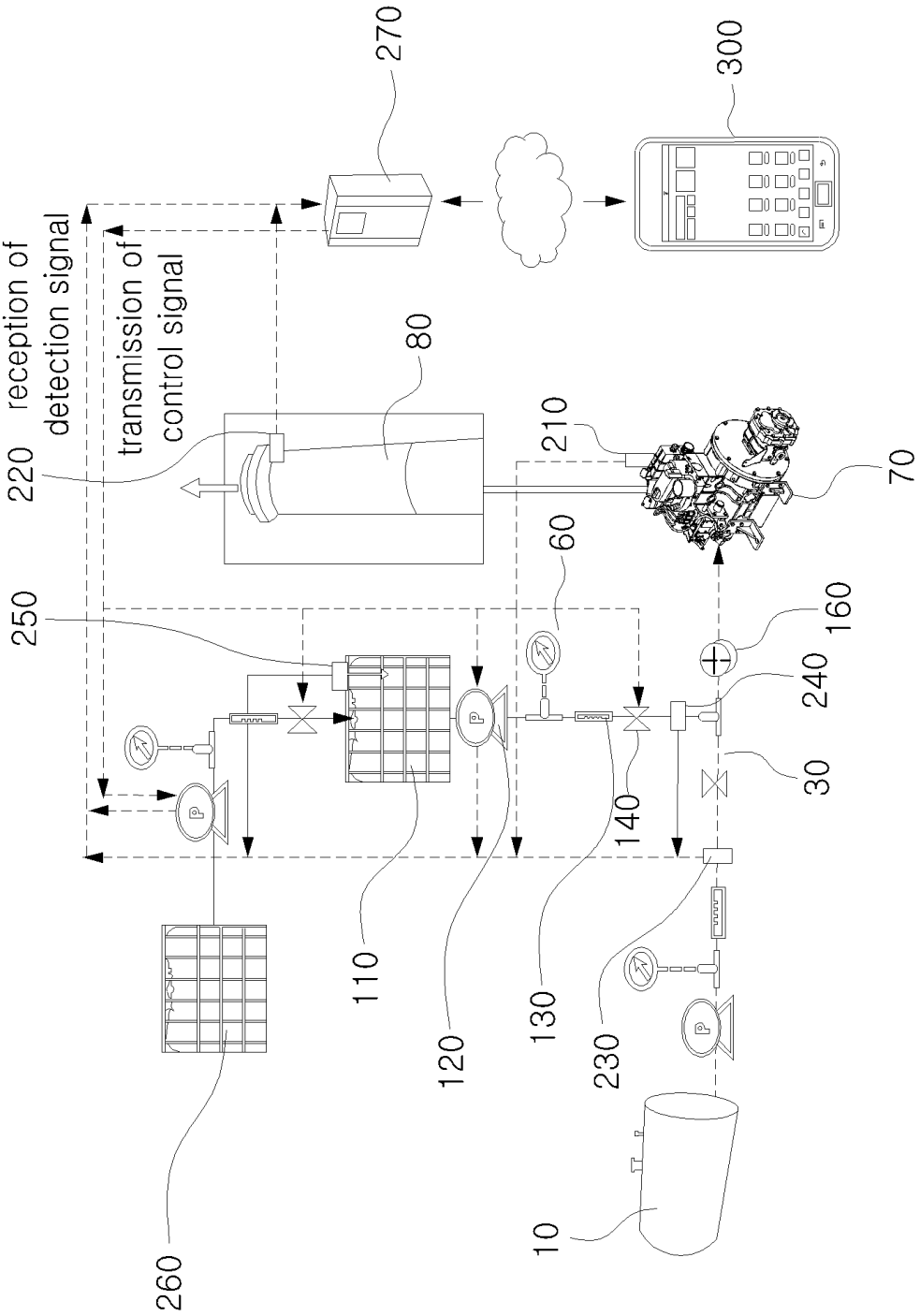
270
300
reception of detection signal
transmission of control signal
220
80
210
70
60
250
160
240
30
140
110
120
130
230
10
260

FIG. 5