FIG. 1

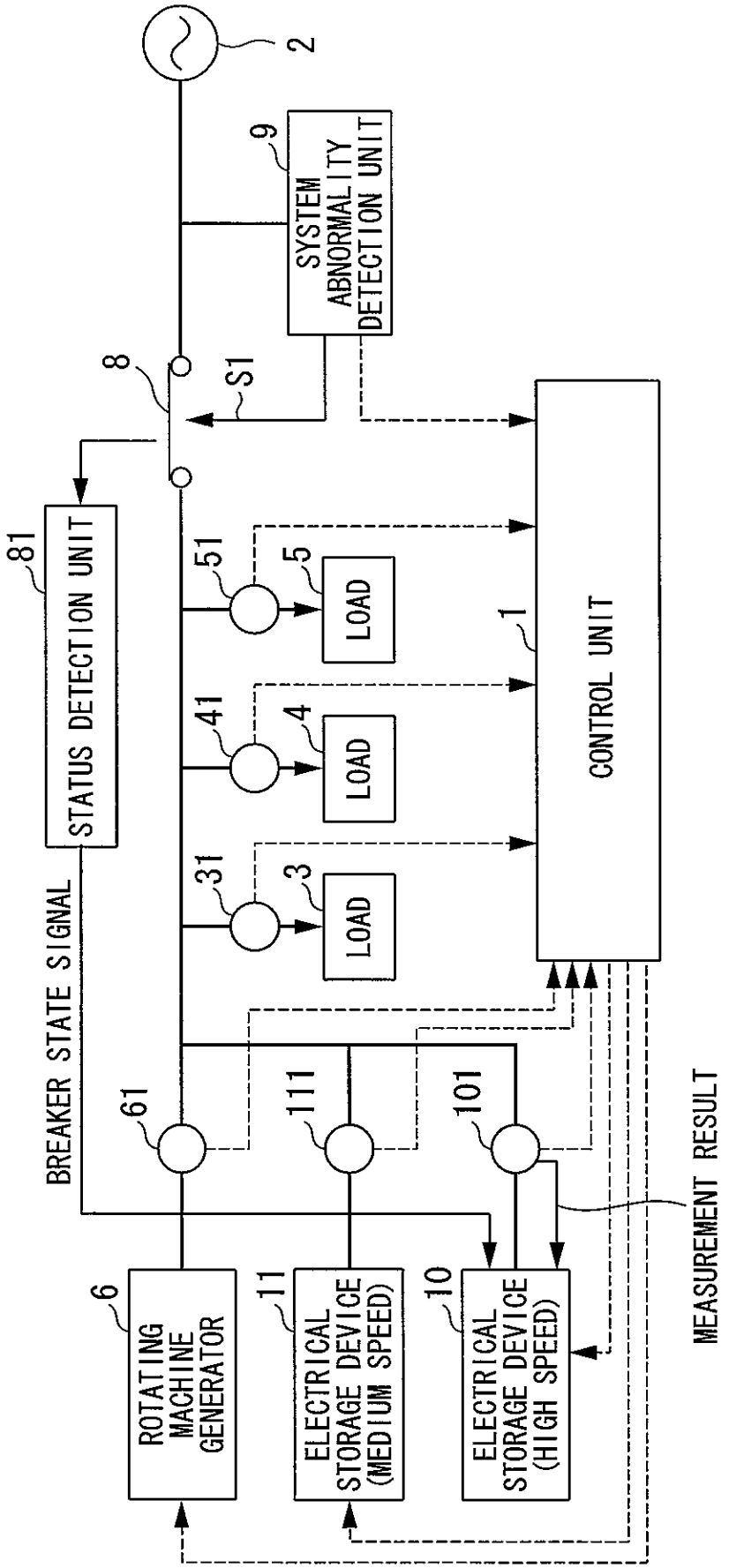

2
9
SYSTEM ABNORMALITY DETECTION UNIT
8
S1
81
STATUS DETECTION UNIT
BREAKER STATE SIGNAL
51
5
LOAD
41
4
LOAD
31
3
LOAD
1
CONTROL UNIT
61
111
101
MEASUREMENT RESULT
6
ROTATING MACHINE GENERATOR
11
ELECTRICAL STORAGE DEVICE (MEDIUM SPEED)
10
ELECTRICAL STORAGE DEVICE (HIGH SPEED)

FIG. 2

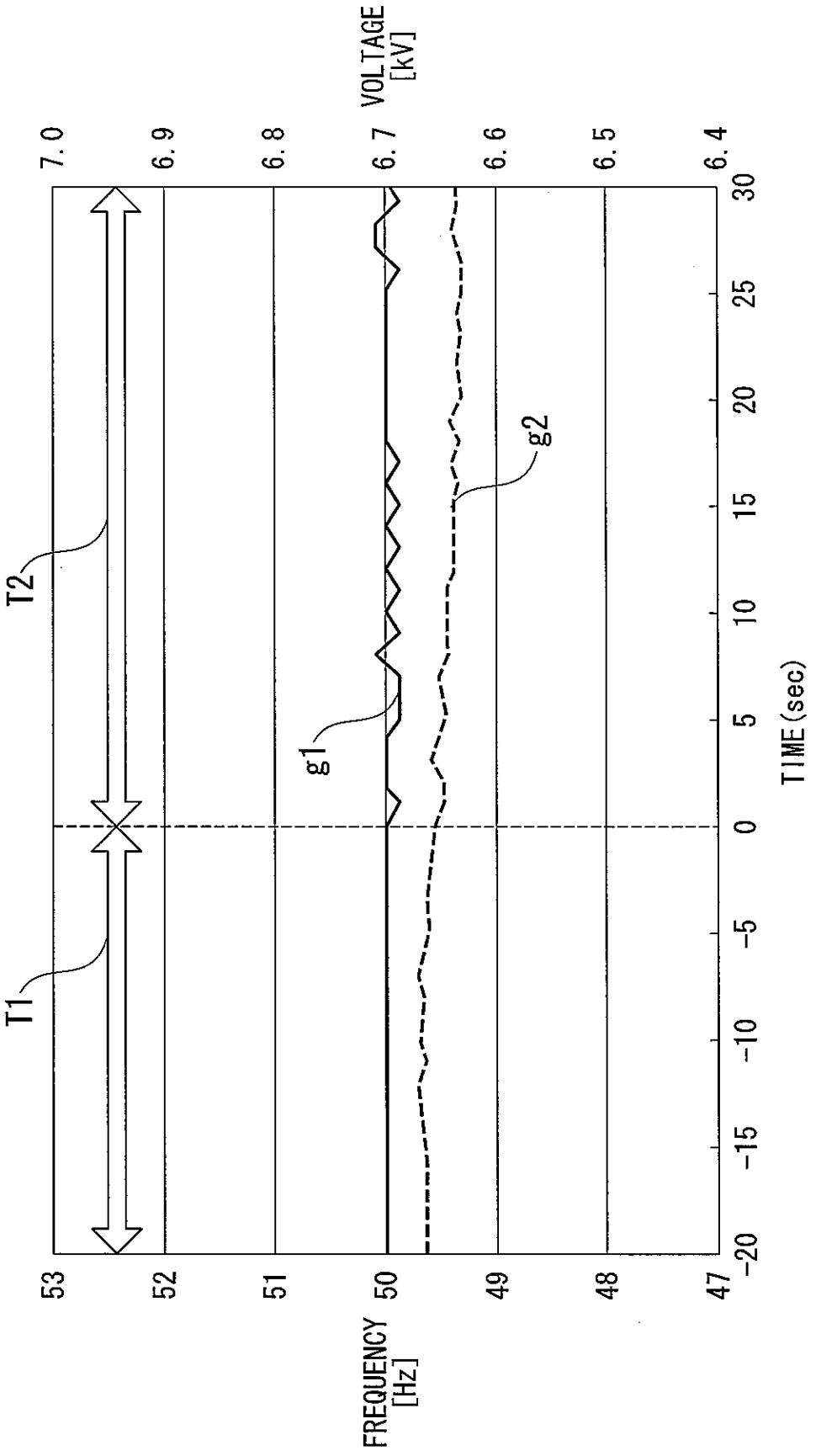

VOLTAGE [kV]
7.0
6.9
6.8
6.7
6.6
6.5
6.4
FREQUENCY [Hz]
53
52
51
50
49
48
47
TIME (sec)
30
25
20
15
10
5
0
-5
-10
-15
-20
T1
T2
g1
g2

FIG. 3

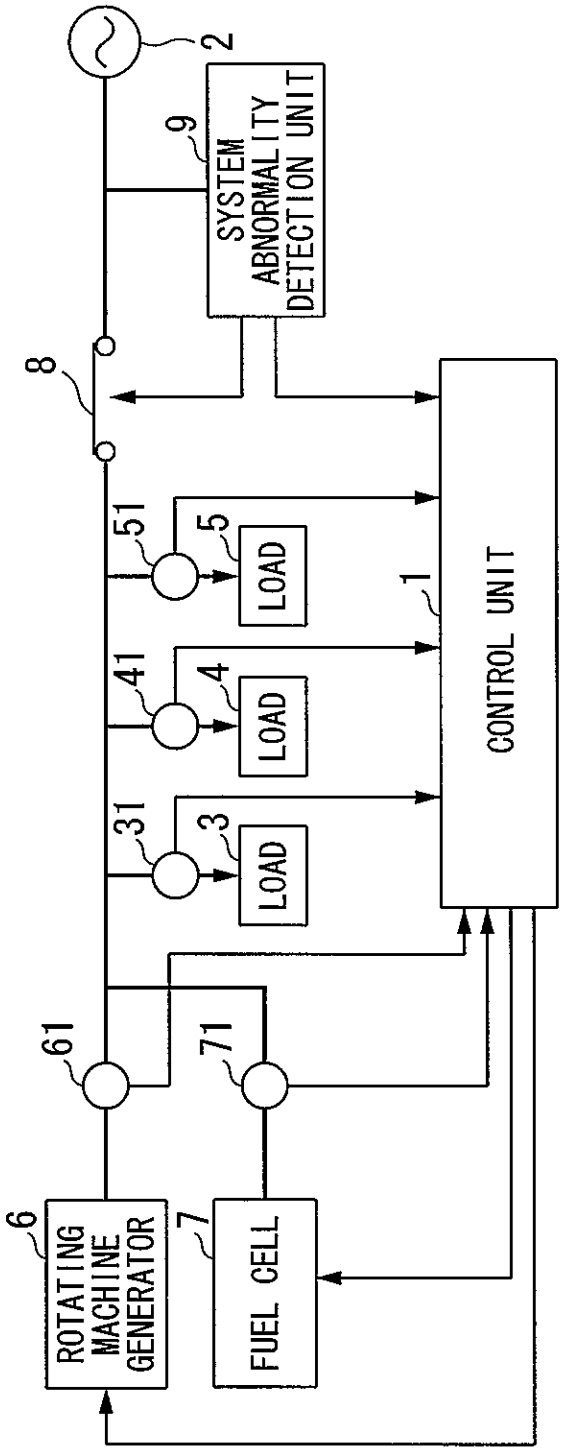
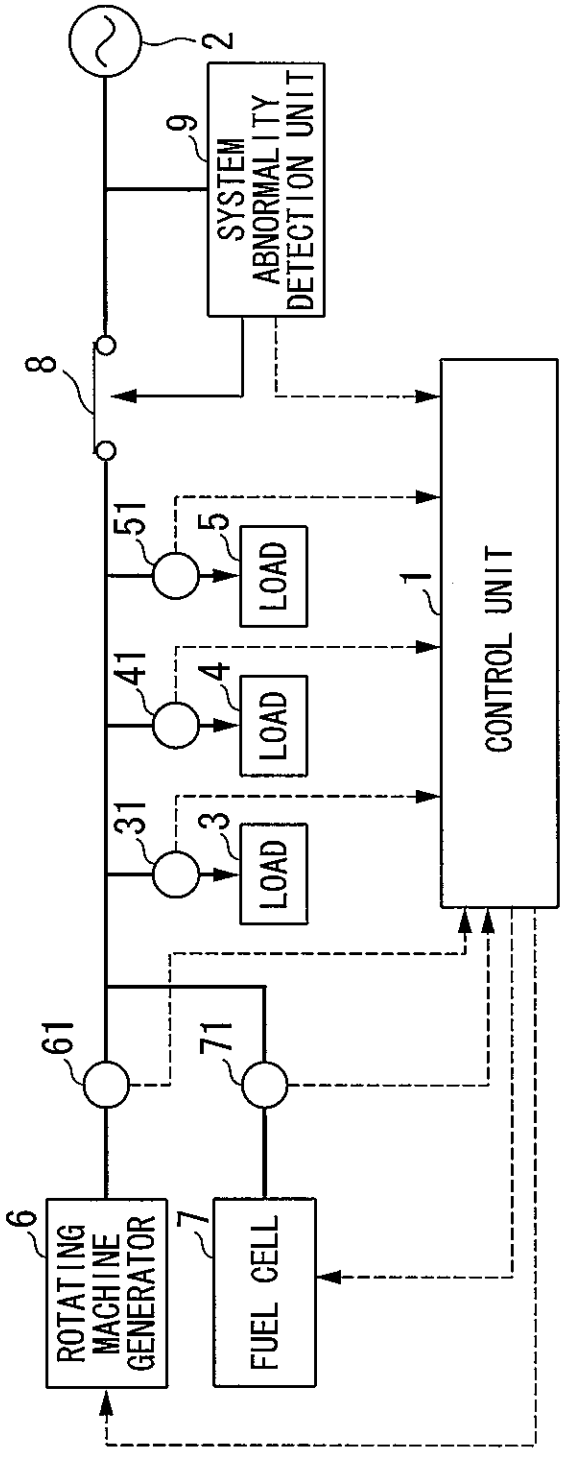

2
9
SYSTEM ABNORMALITY DETECTION UNIT
8
51
5
LOAD
41
4
LOAD
31
3
LOAD
1
CONTROL UNIT
61
71
6
ROTATING MACHINE GENERATOR
7
FUEL CELL

FIG. 4


2
9
SYSTEM ABNORMALITY DETECTION UNIT
8
51
5
LOAD
41
4
LOAD
31
3
LOAD
1
CONTROL UNIT
61
71
6
ROTATING MACHINE GENERATOR
7
FUEL CELL