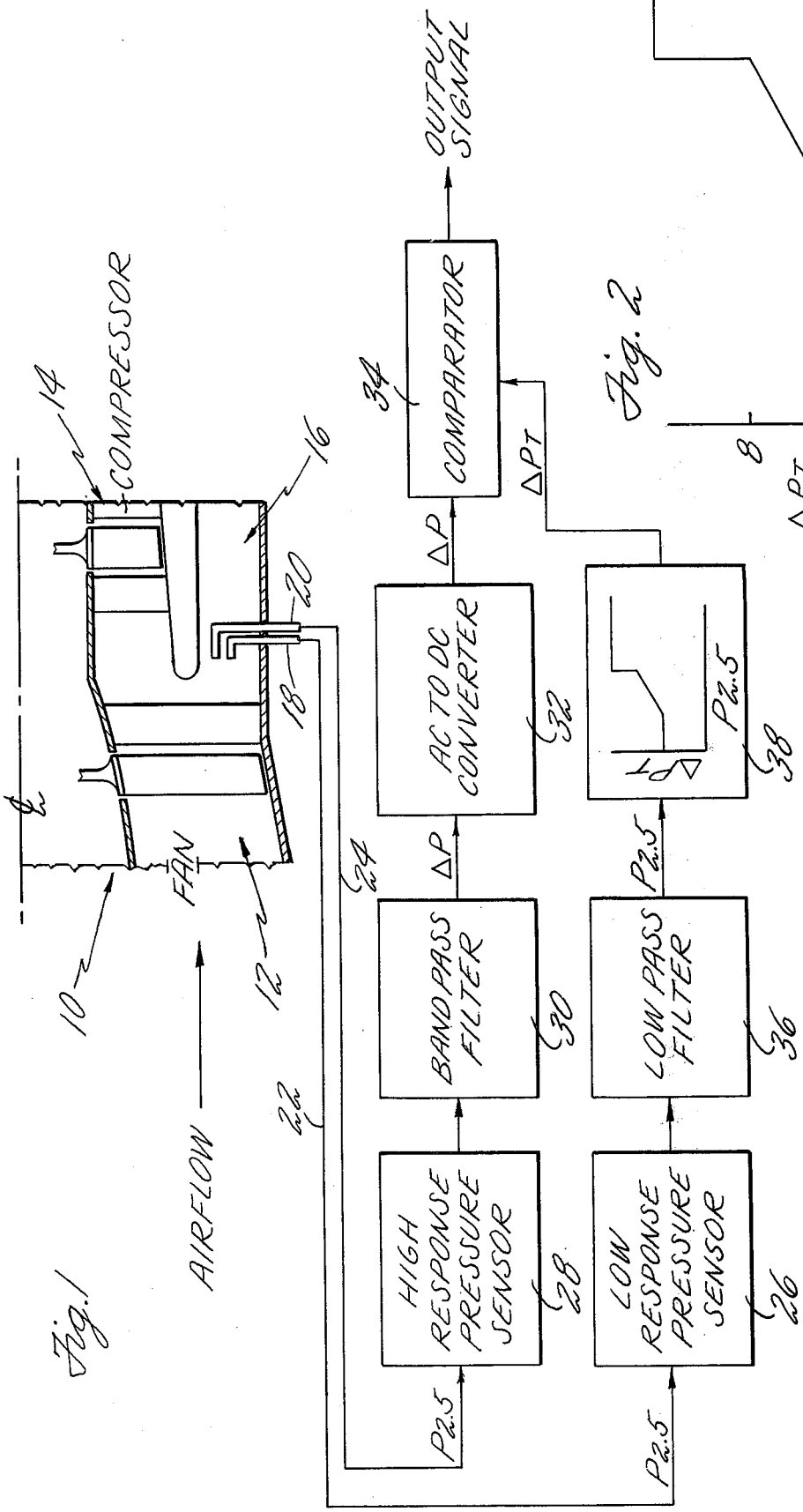
COMPRESSOR
14
16
20
18
10
12
FAN
AIRFLOW
22
24
HIGH RESPONSE PRESSURE SENSOR
28
BAND PASS FILTER
30
AC TO DC CONVERTER
32
COMPARATOR
34
OUTPUT SIGNAL
LOW RESPONSE PRESSURE SENSOR
26
LOW PASS FILTER
36
38
P2.5
ΔP
ΔPT

Fig. 1

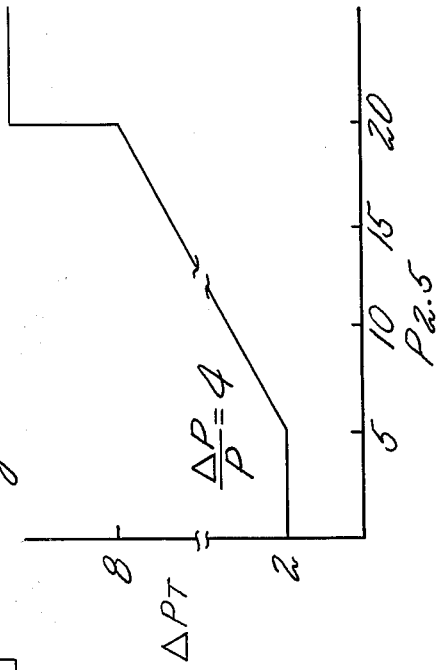
ΔP/P = 4
ΔPT
8
2
5
10
15
20
P2.5

Fig. 2