

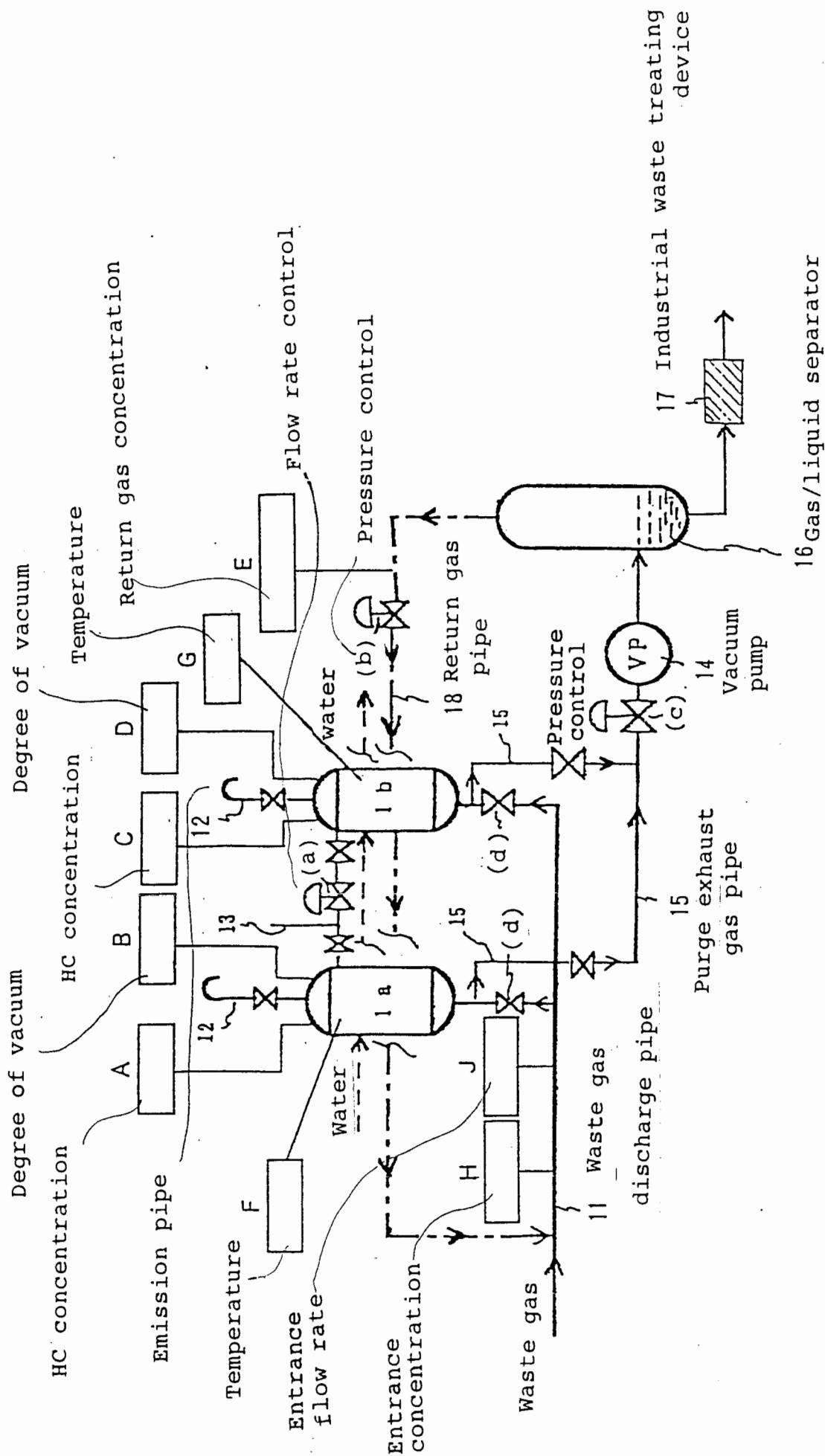
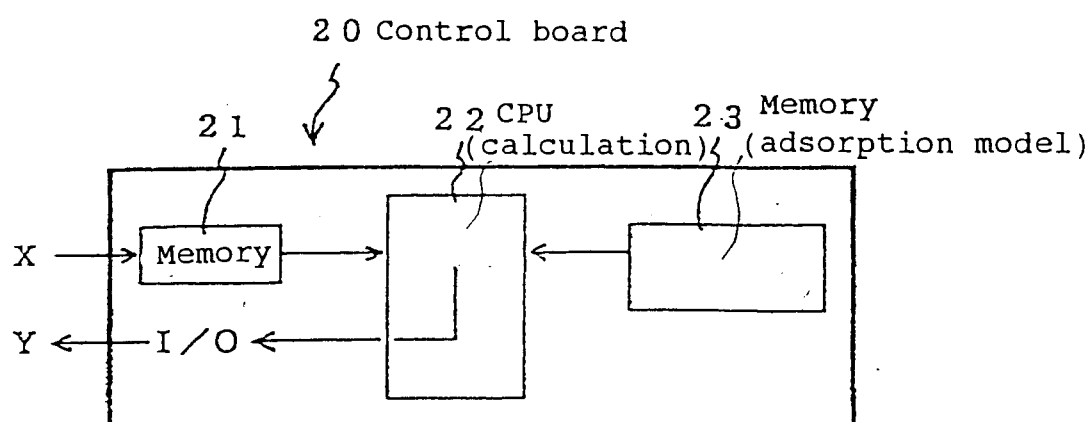


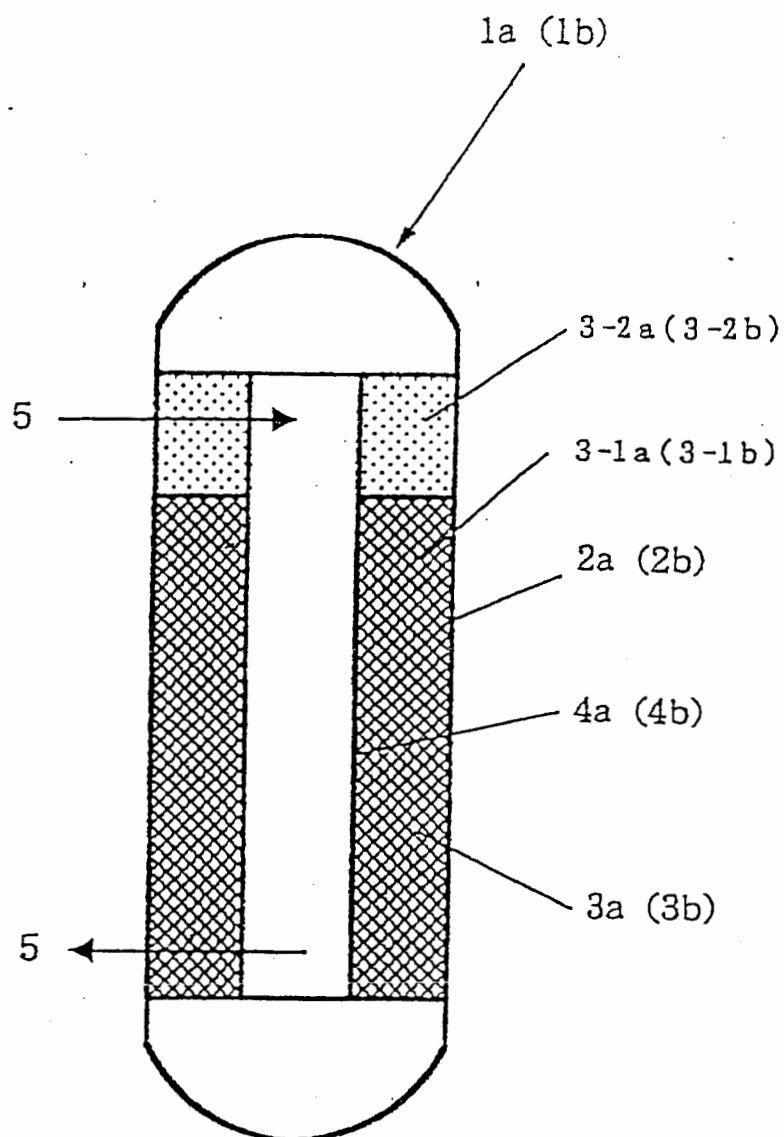
Figure 1

Figure 2



X : Input data signals (measured data) (F, G, H, J)
 required at the time of adsorption/desorption switching
 Y : Automatic control of device -> automatic control of valves
 (a) to (d)

Figure 3



1 a, 1 b	Adsorption column
2 a, 2 b	Outer cylinder
3 a, 3 b	Adsorbent layer
3-1 a, 3-1 b	Activated carbon
3-2 a, 3-2 b	Y-type synthetic zeolite
4 a, 4 b	Inner cylinder
5	Cooling water

Figure 4

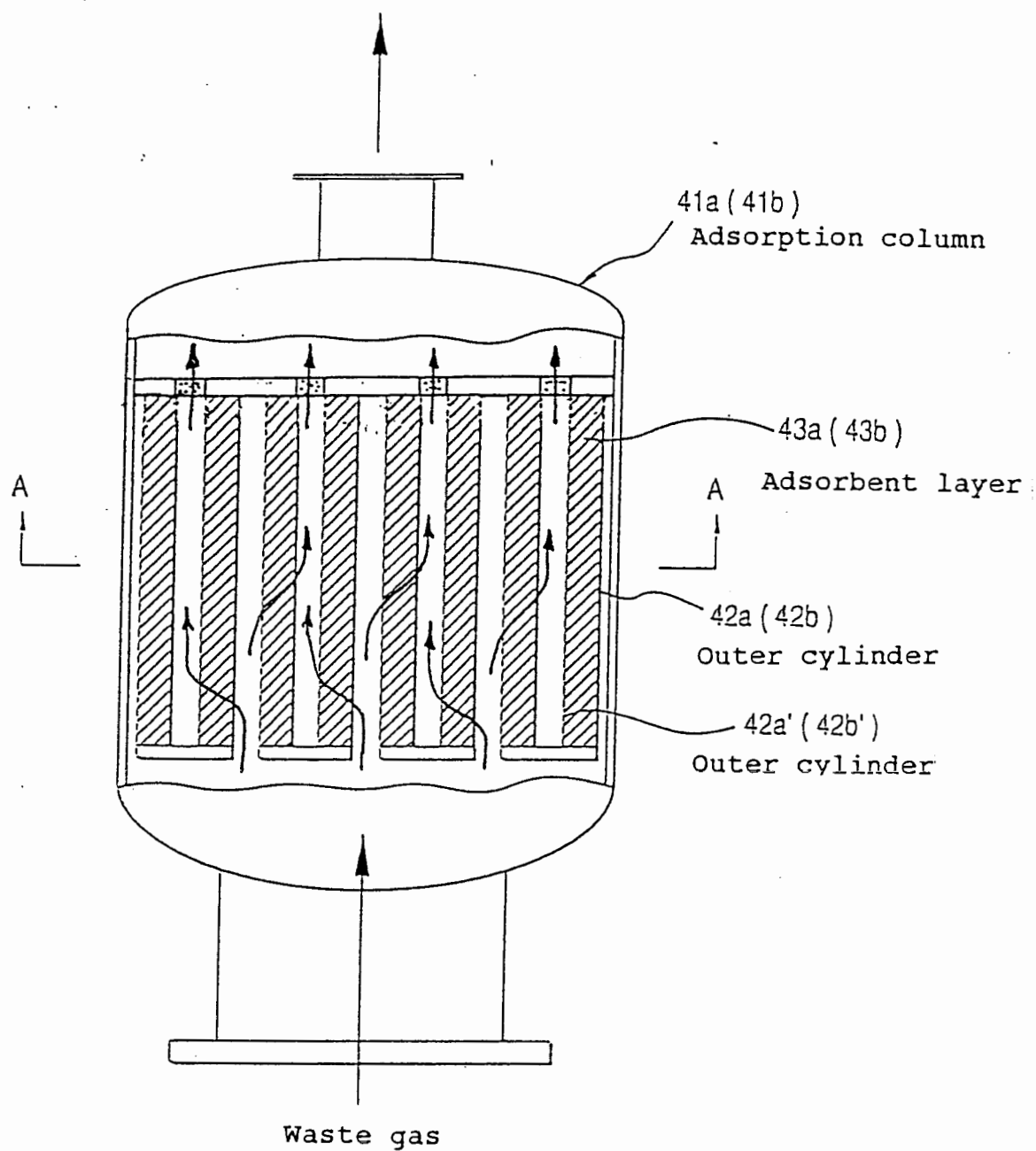


Figure 5

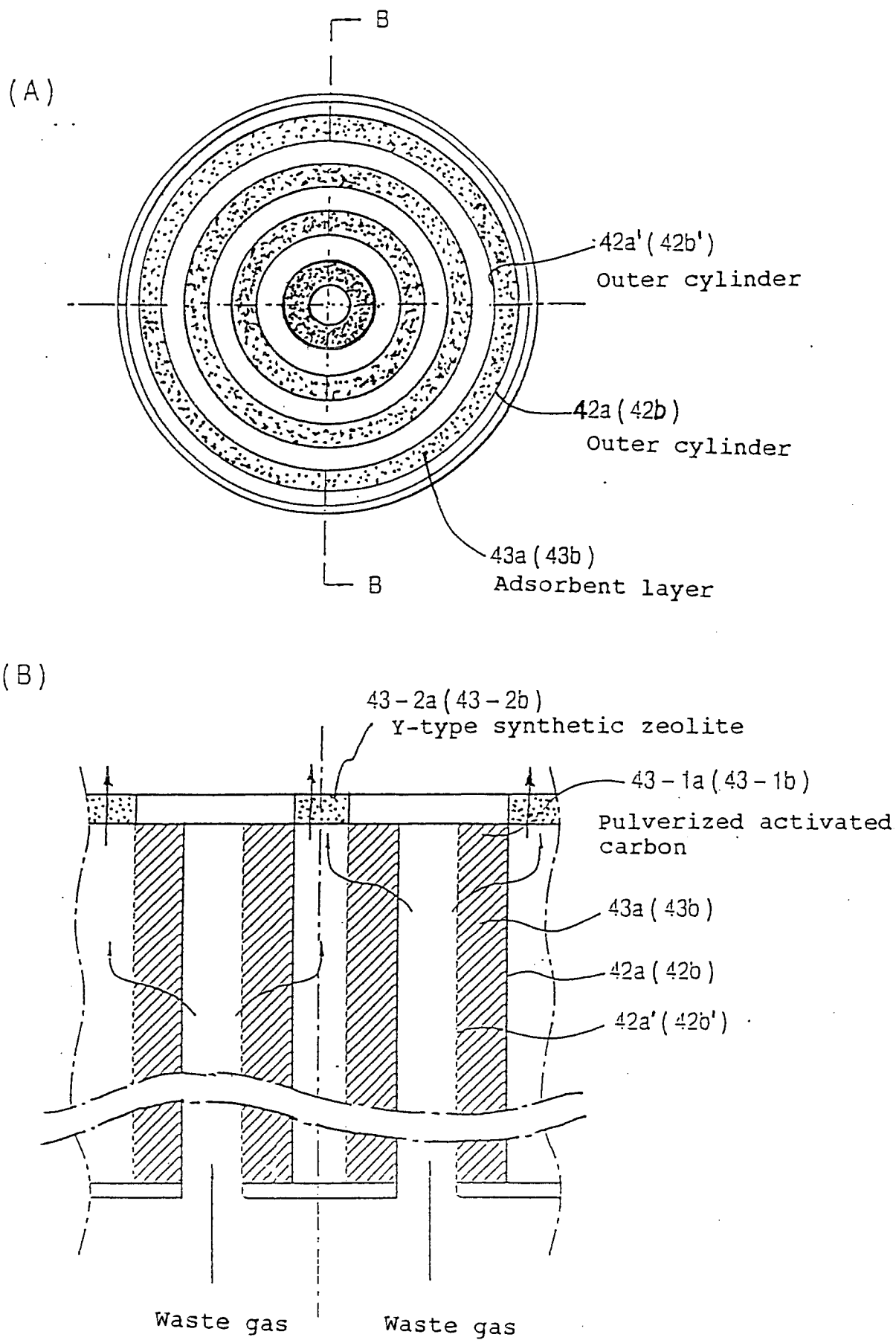


Figure 6

