

Fig. 1

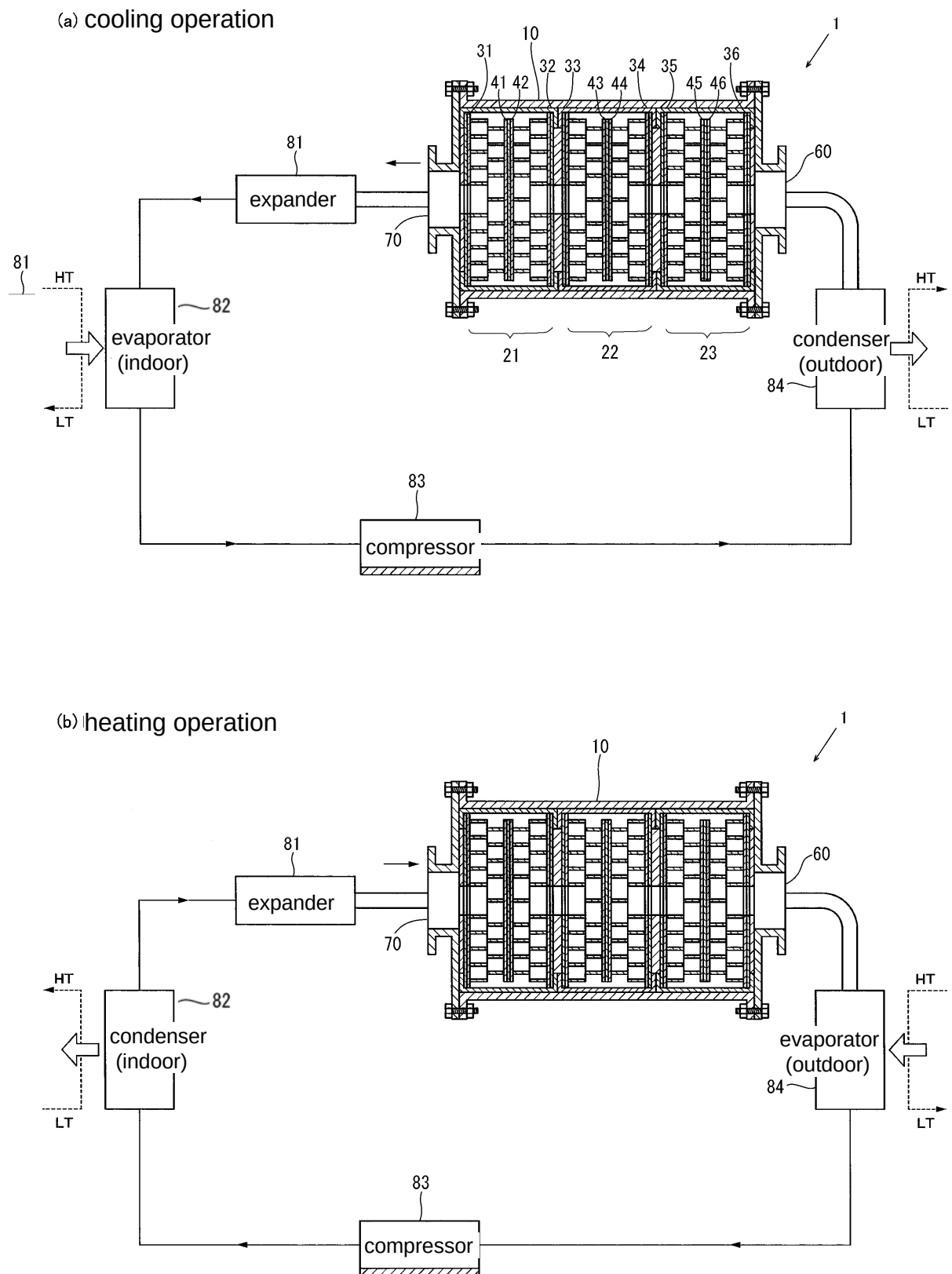
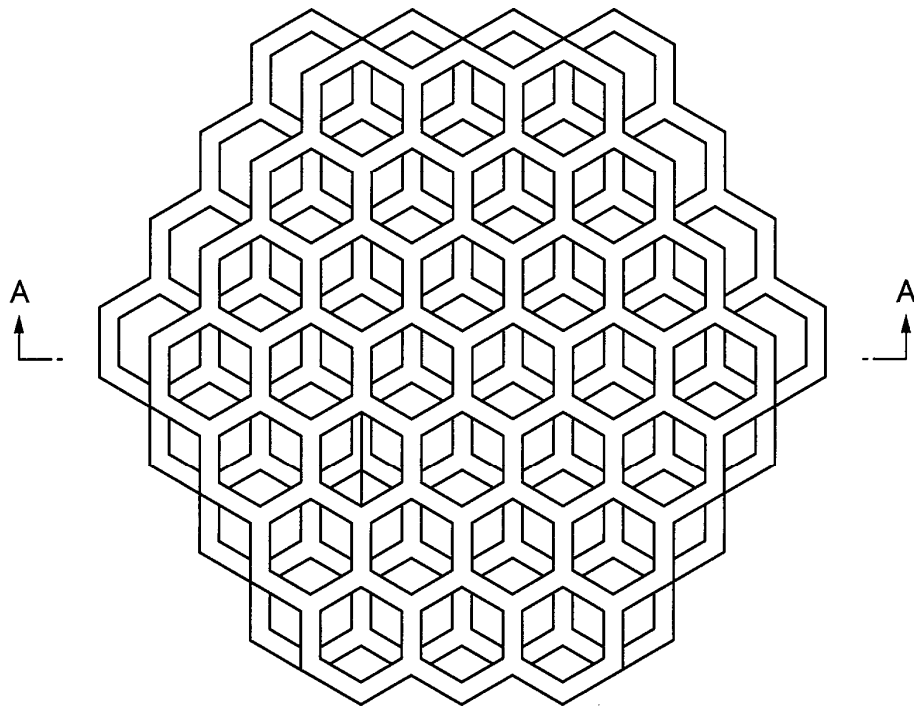


Fig. 2

(a)



(b) A-A cross section

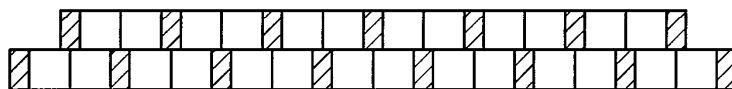
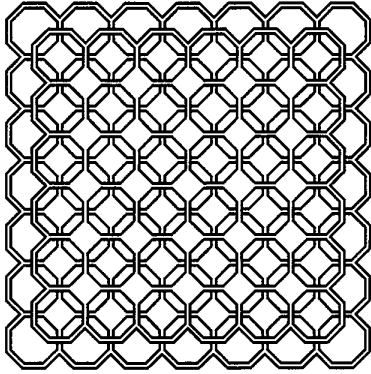
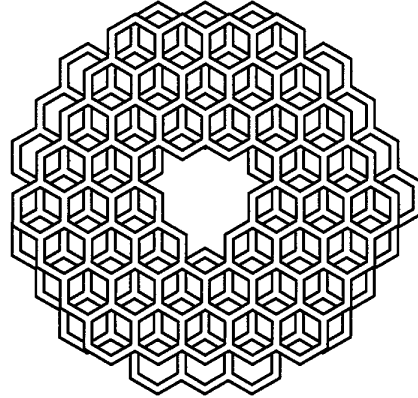


Fig. 3

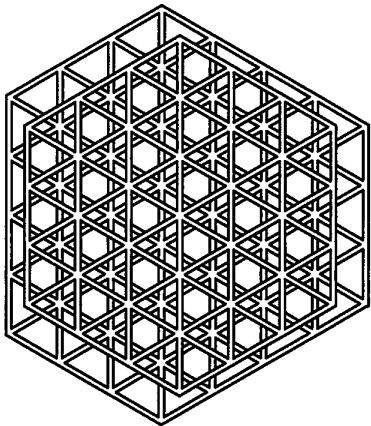
(a)



(b)



(c)



(d)

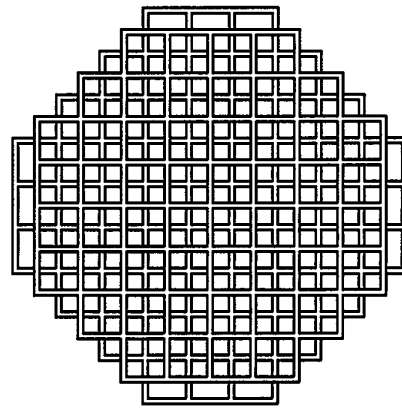


Fig. 4

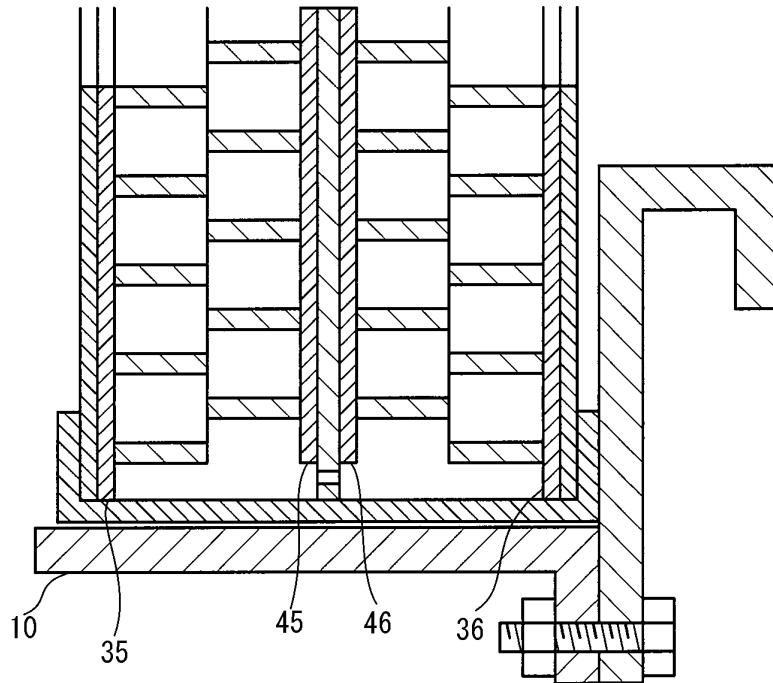


Fig. 5

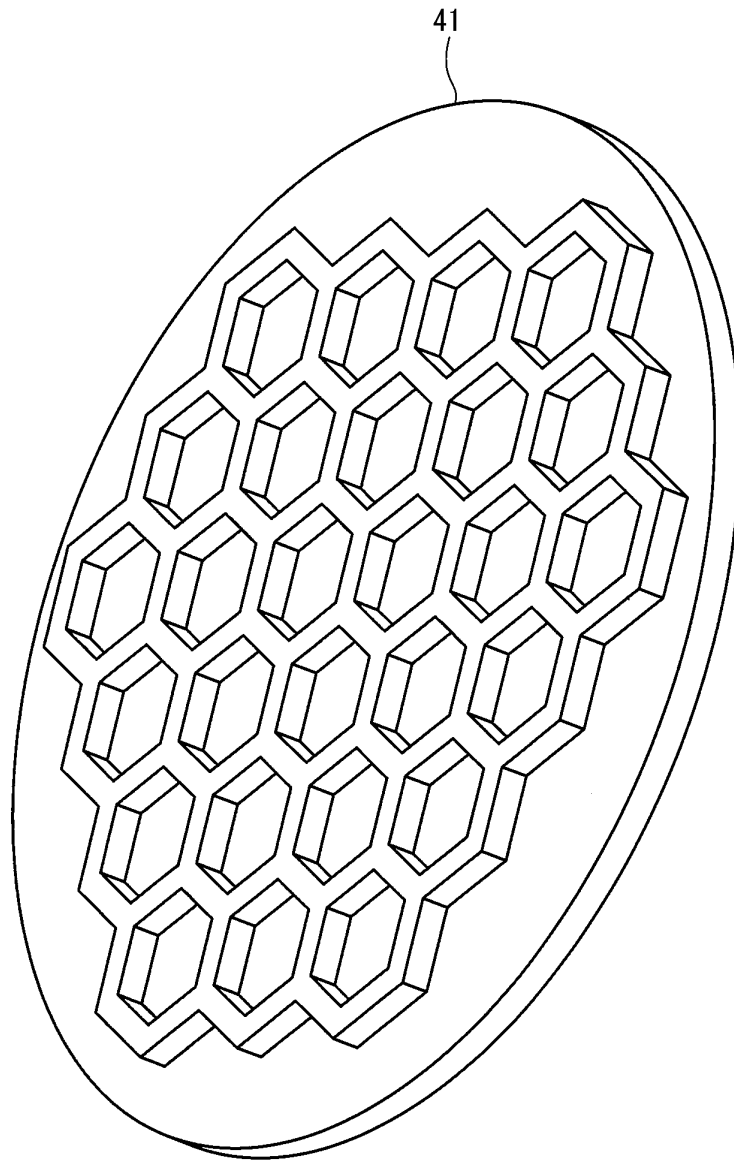
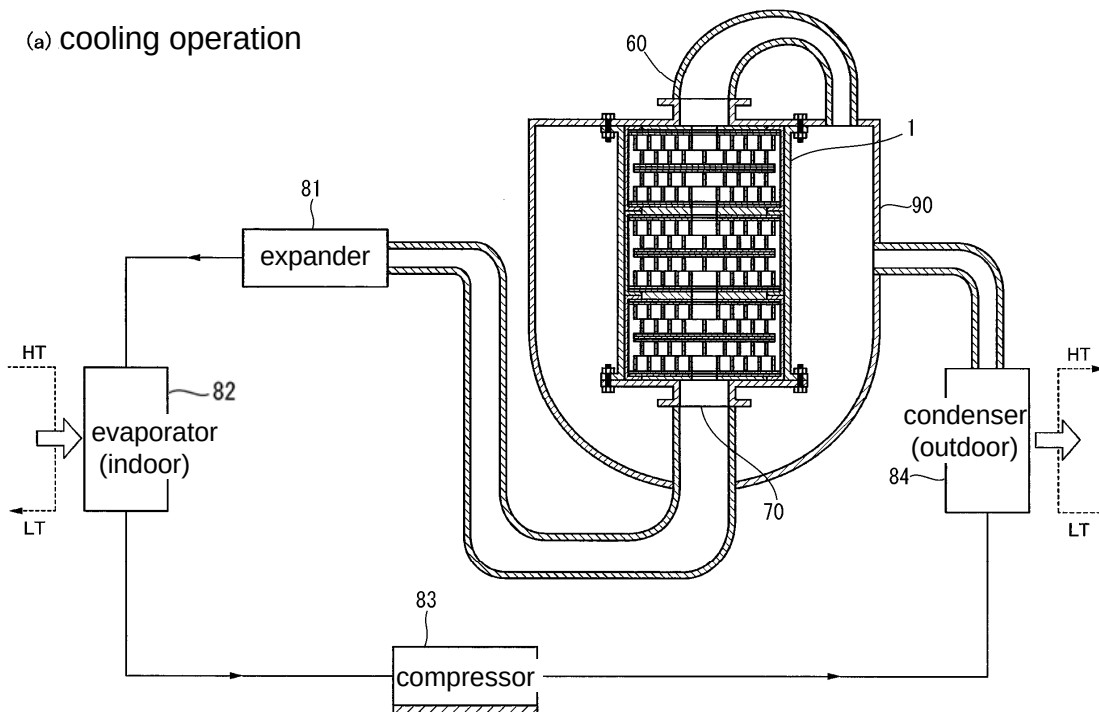


Fig. 6

(a) cooling operation



(b) heating operation

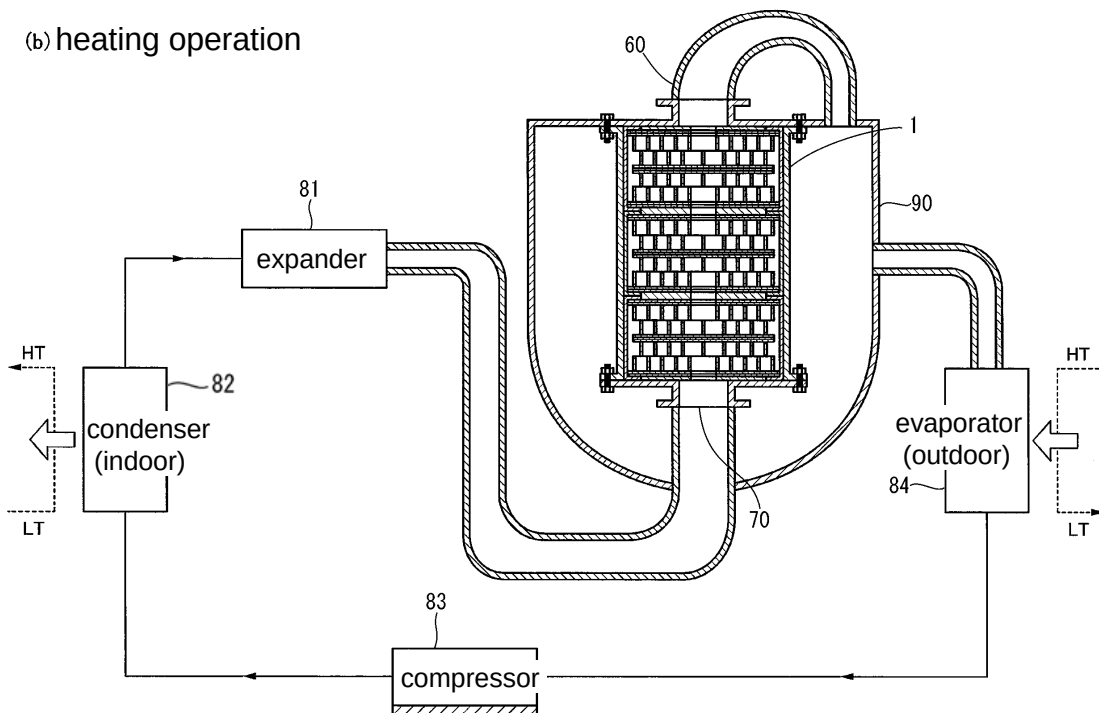
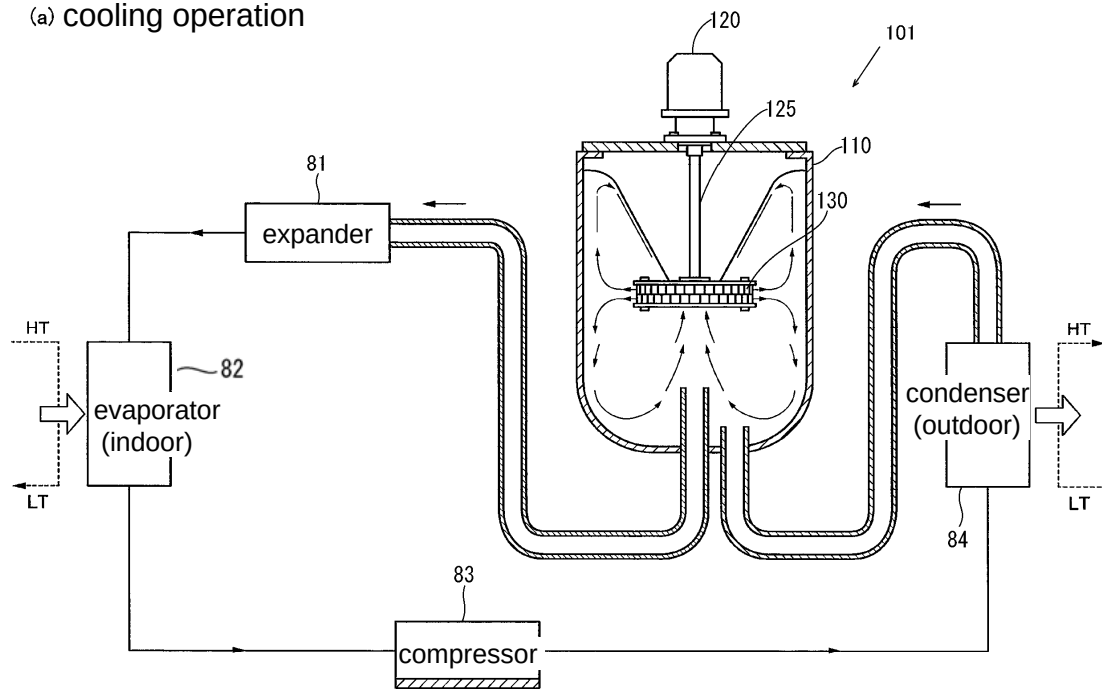


Fig. 7

(a) cooling operation



(b) heating operation

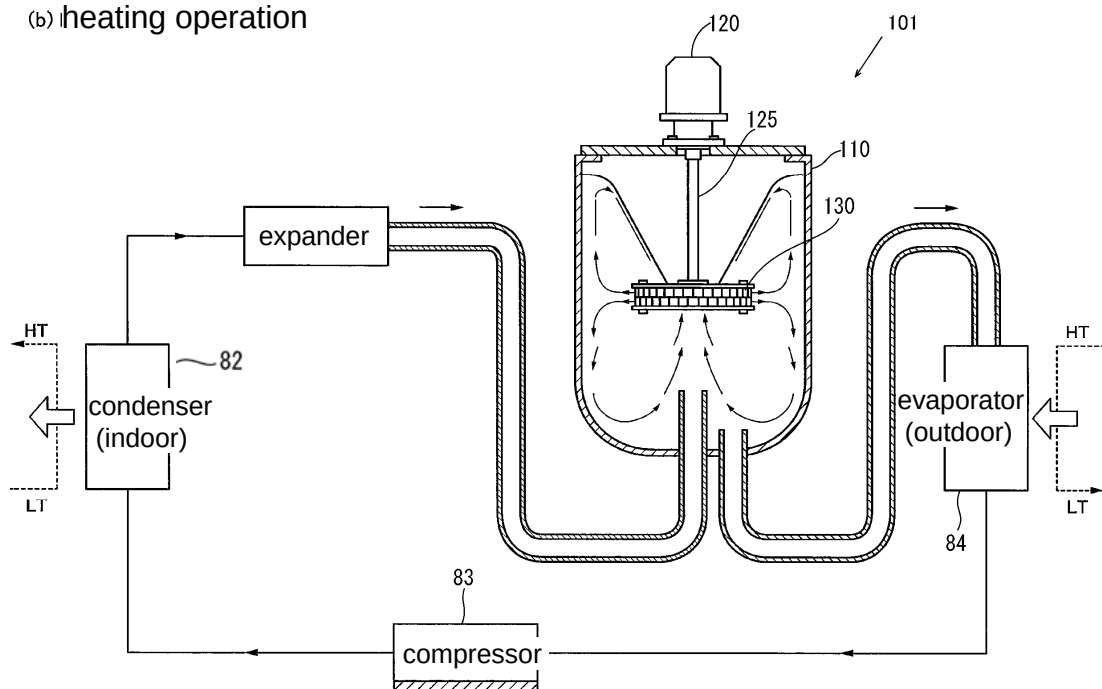


Fig. 8

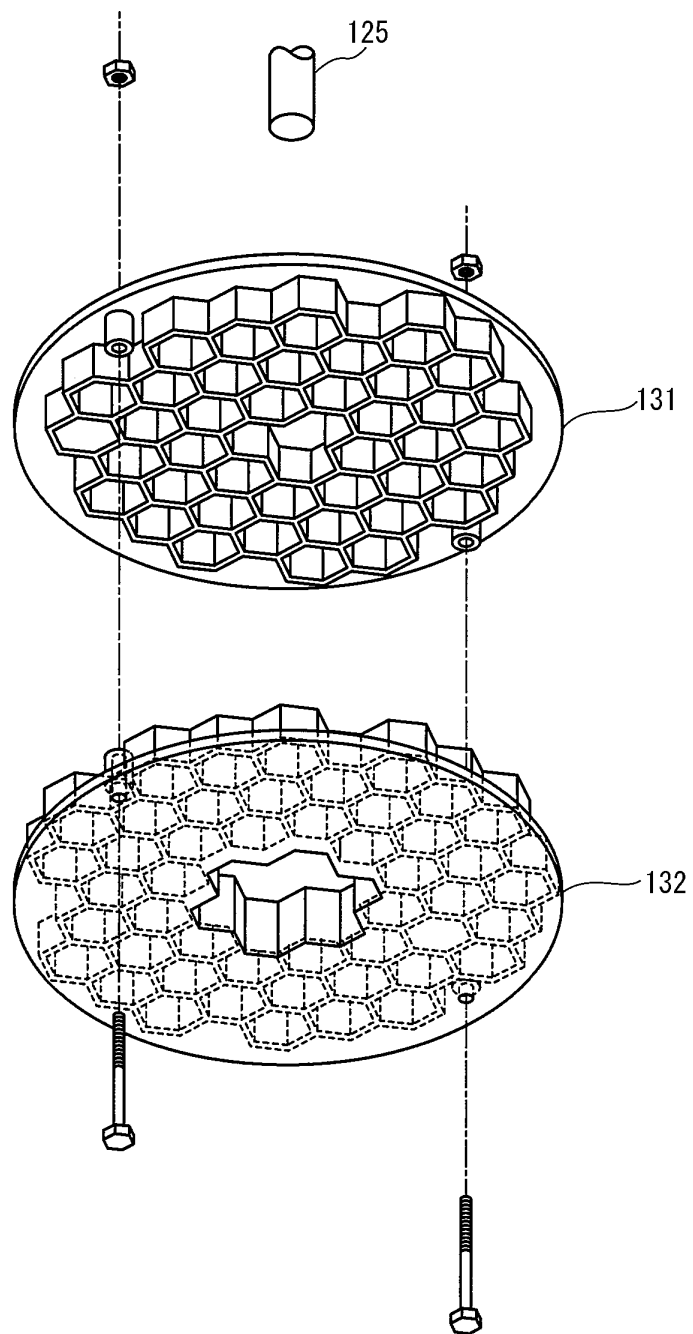


Fig. 9

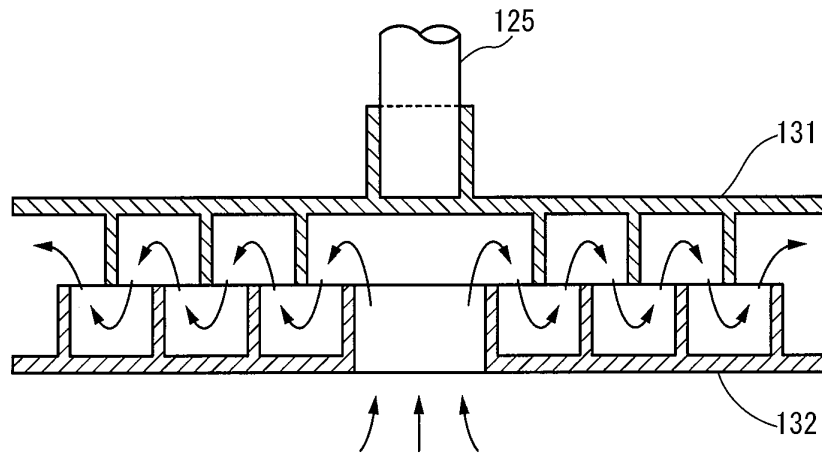


Fig. 10

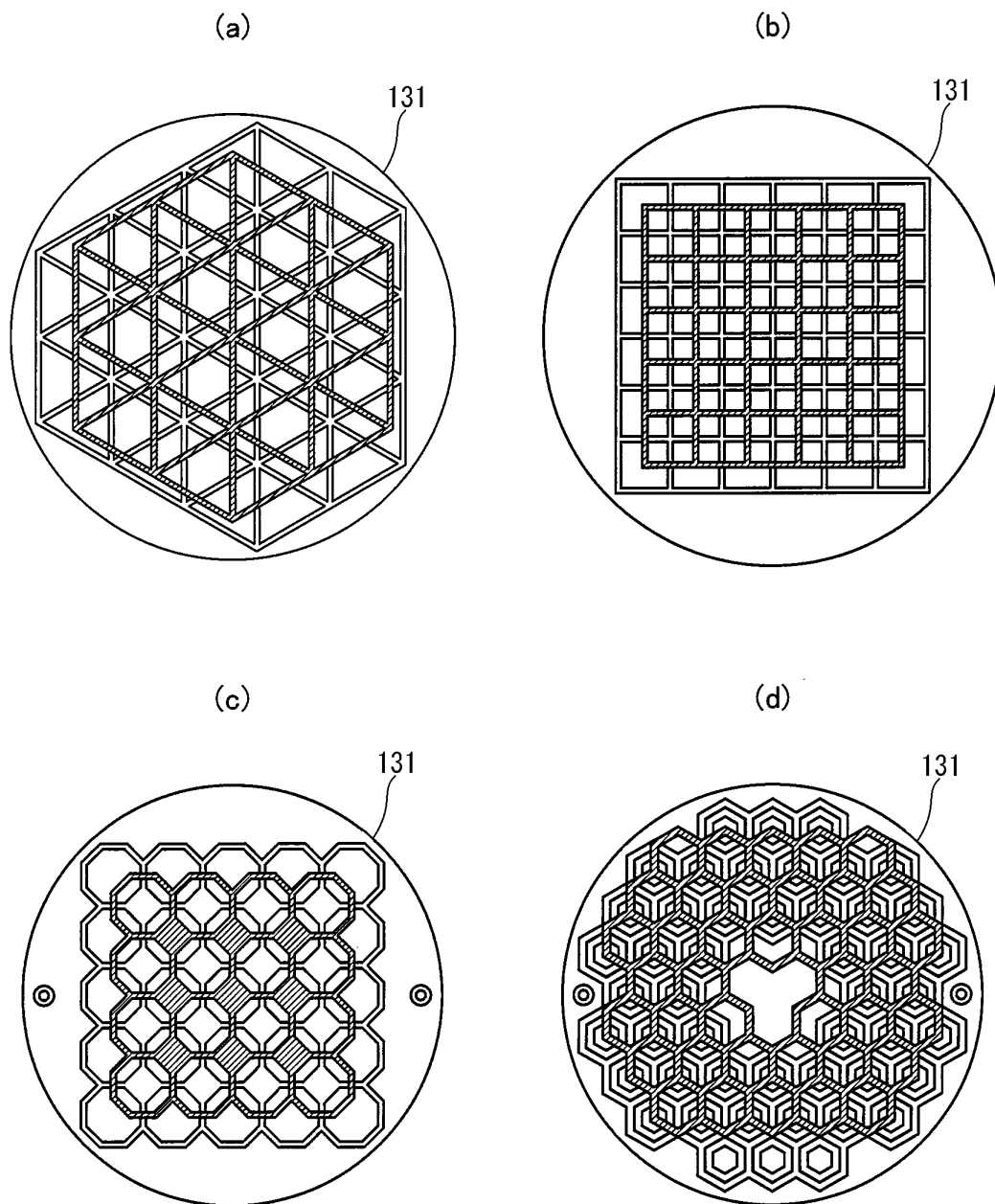
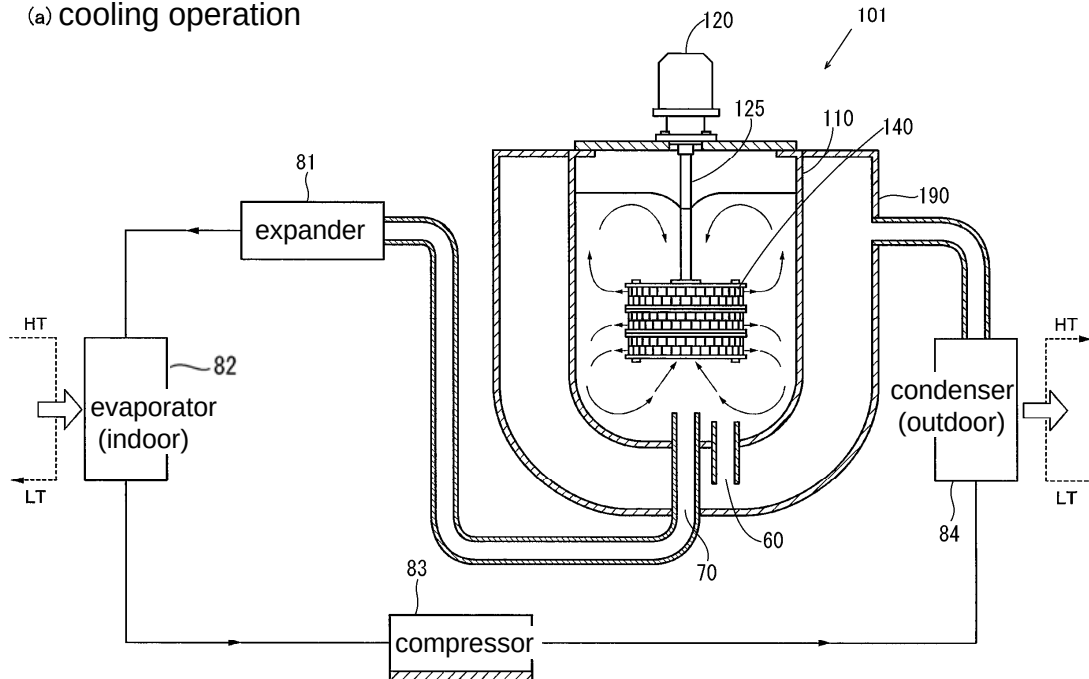


Fig. 11

(a) cooling operation



(b) heating operation

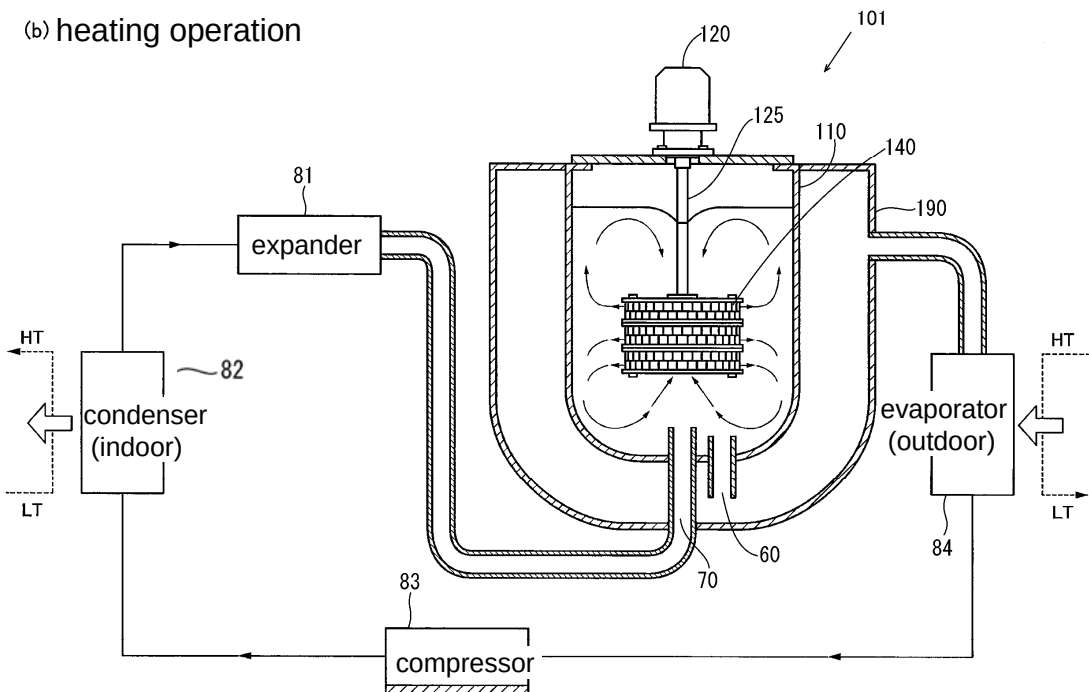


Fig. 12

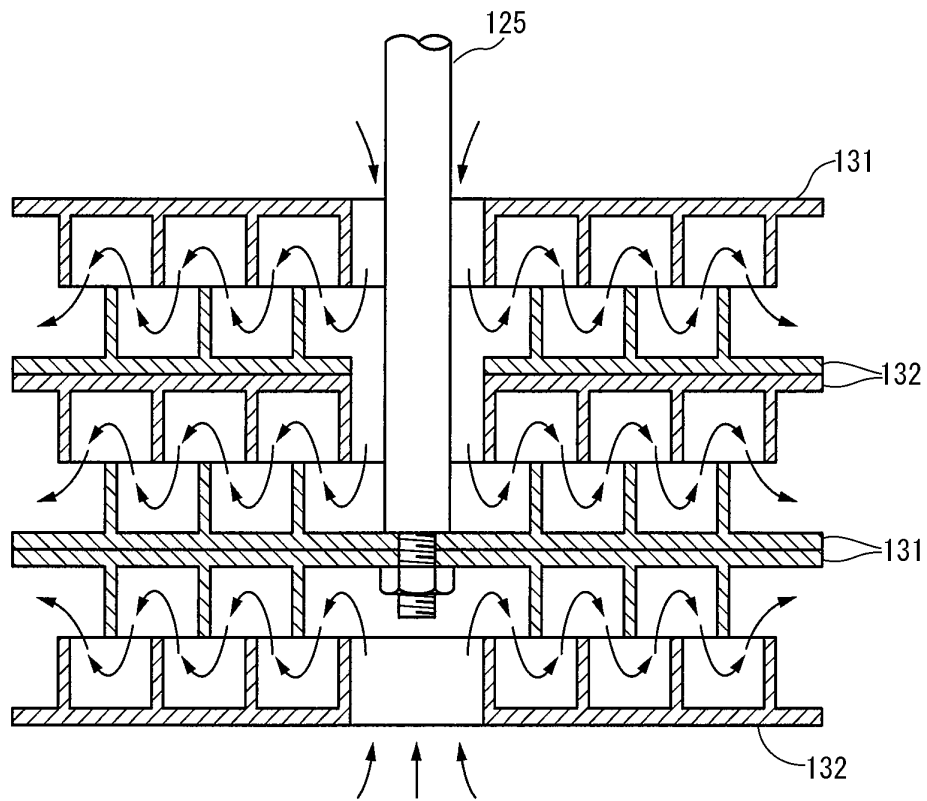


Fig. 13

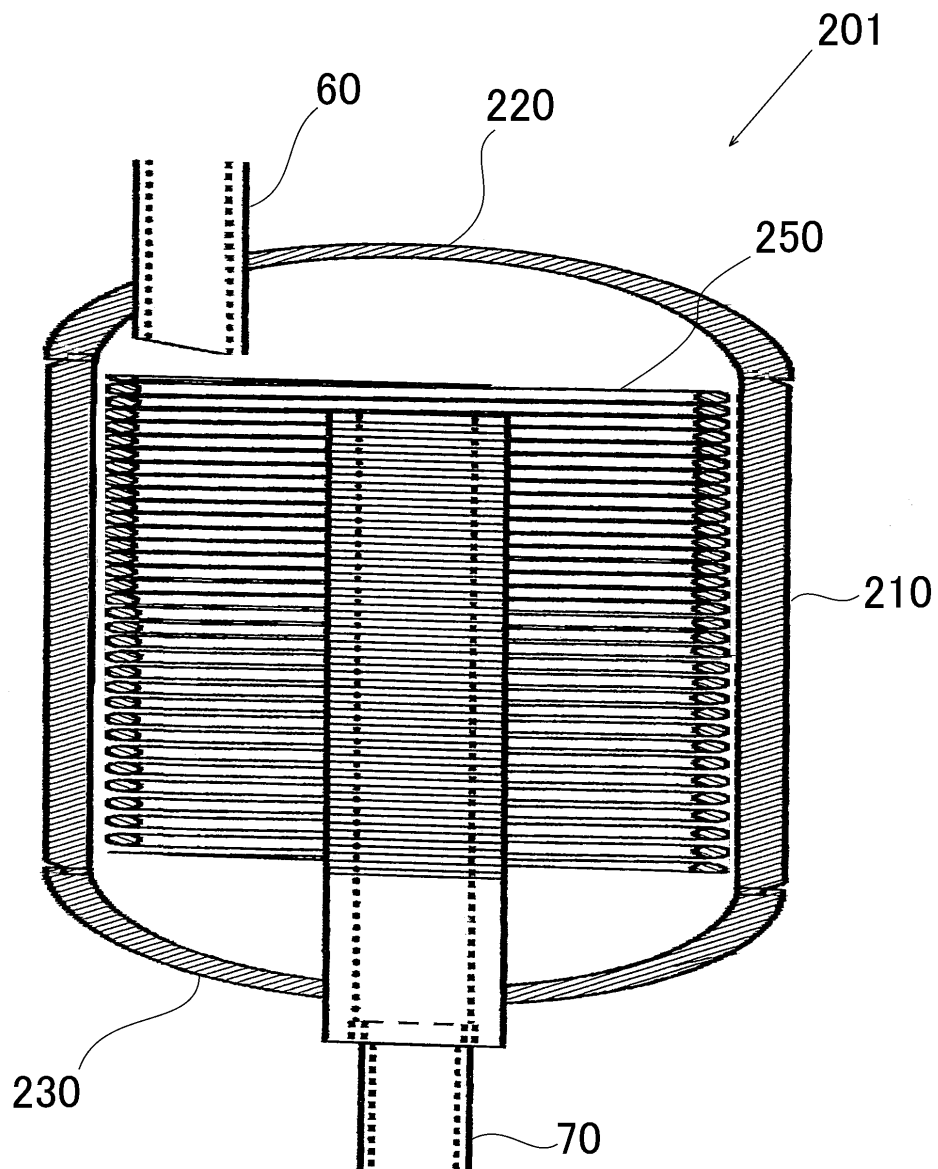


Fig. 14

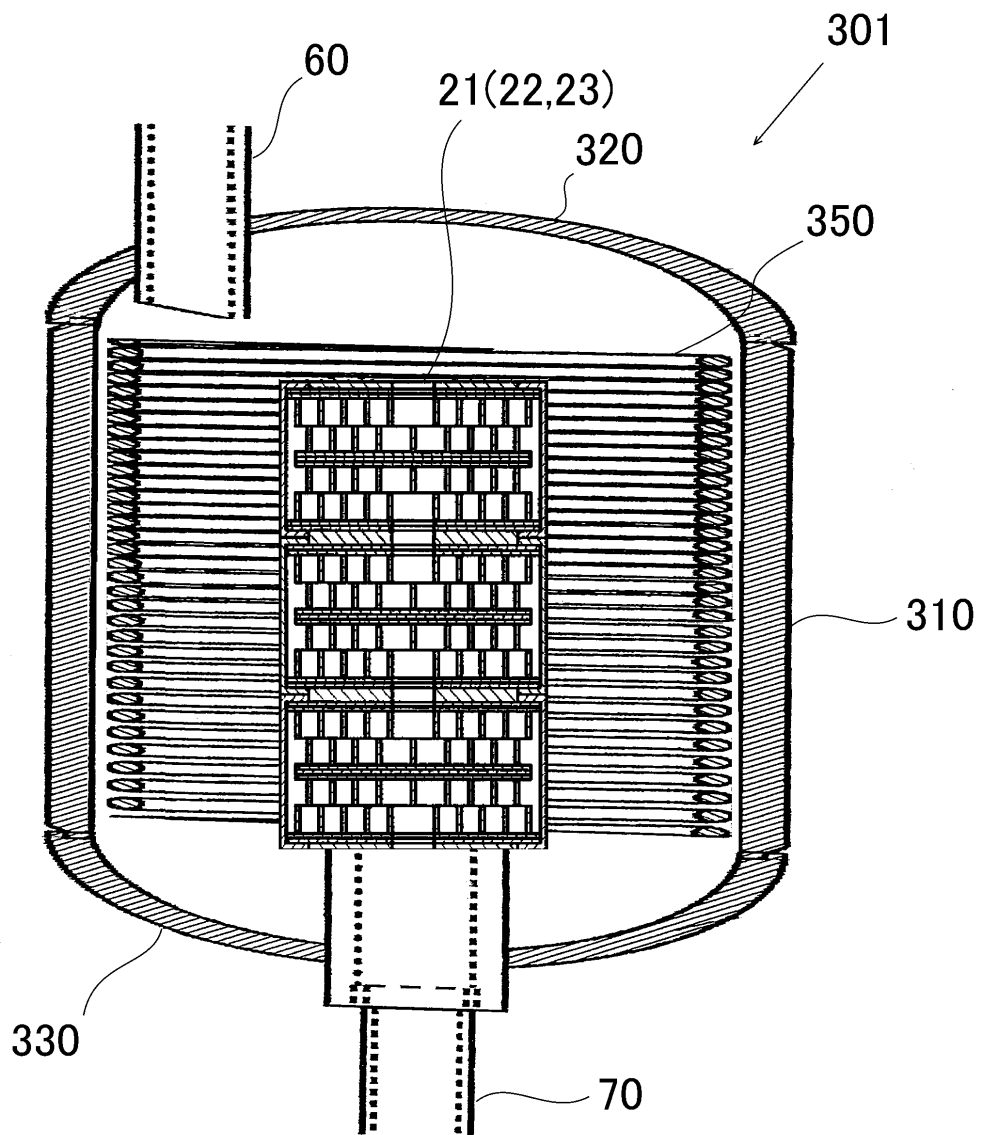


Fig. 15

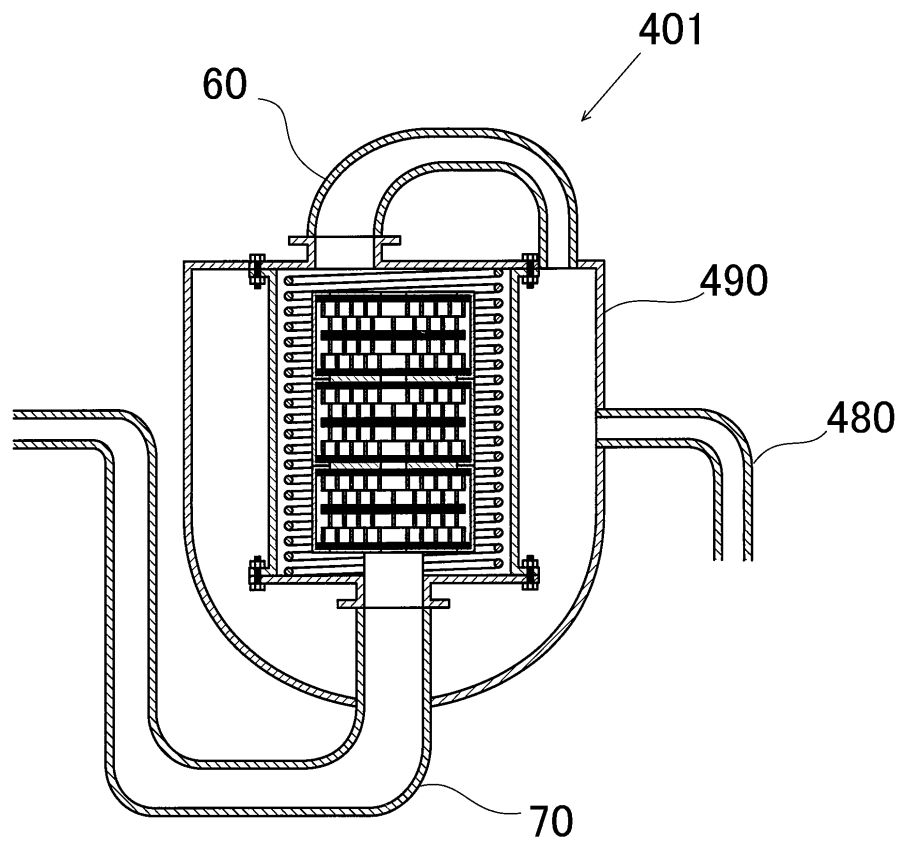


Fig. 16

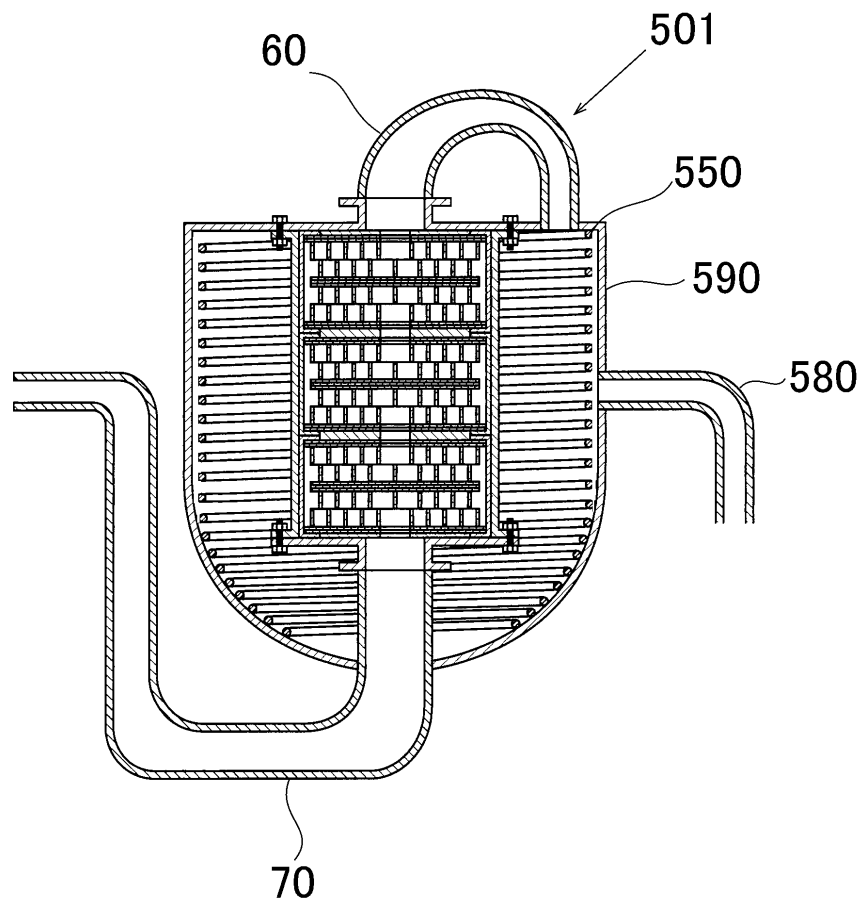


Fig. 17

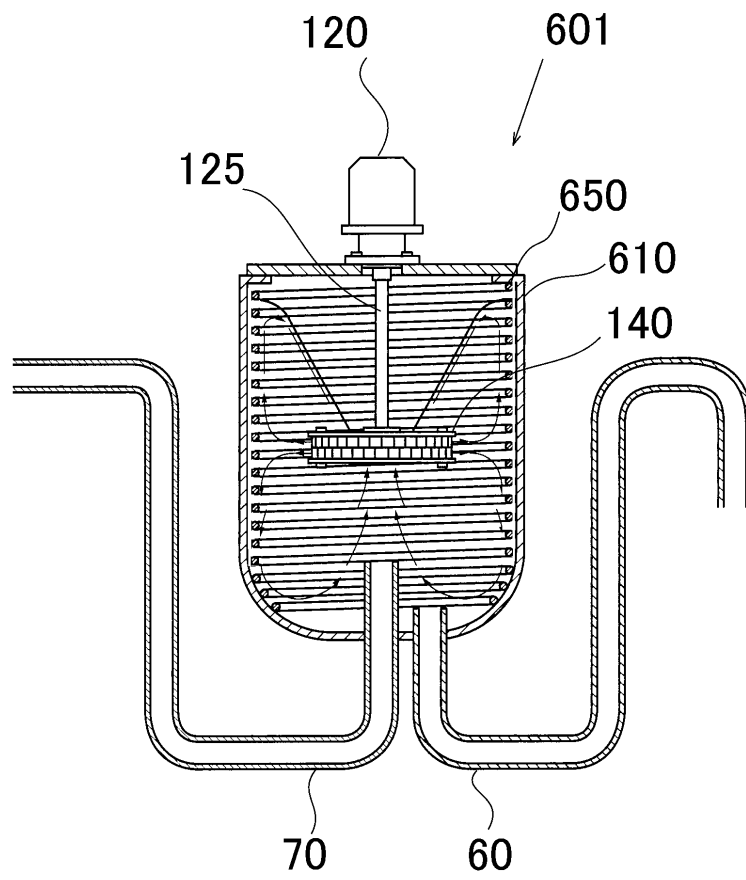


Fig. 18

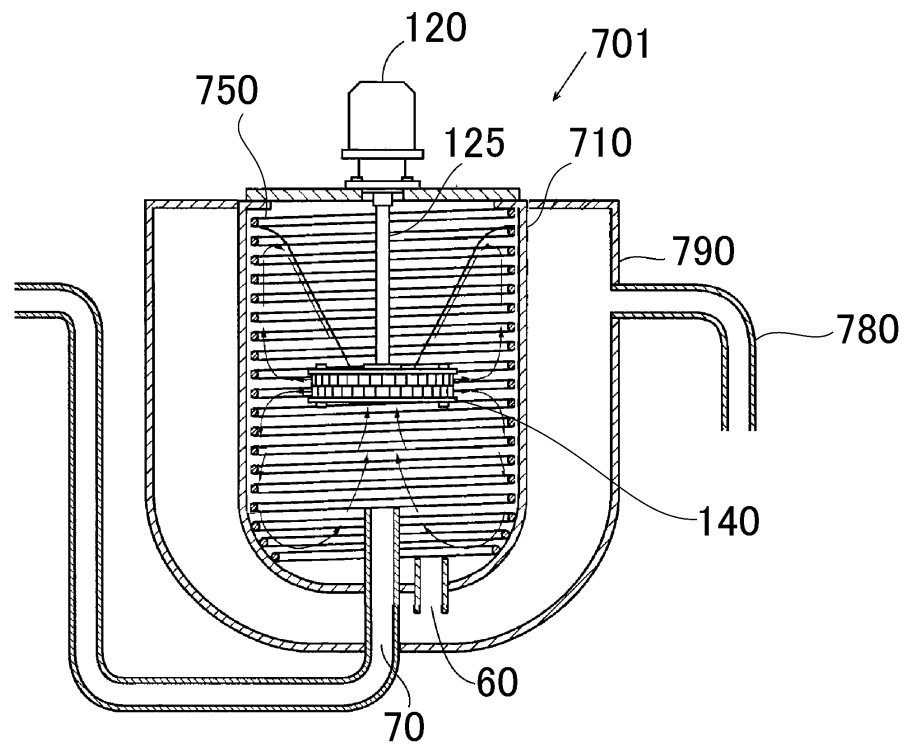


Fig. 19

