FIG.1

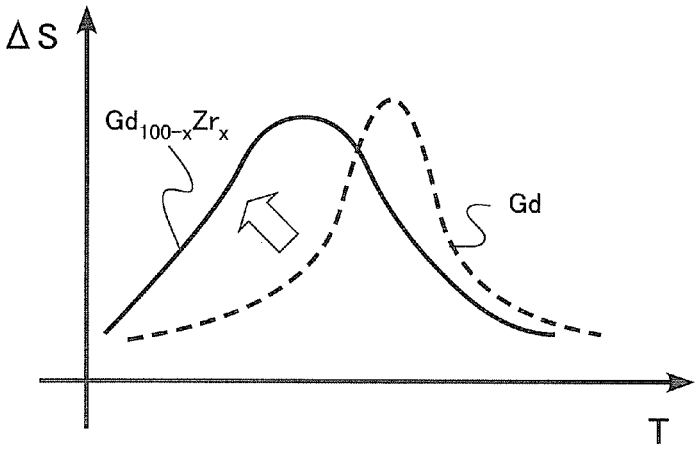
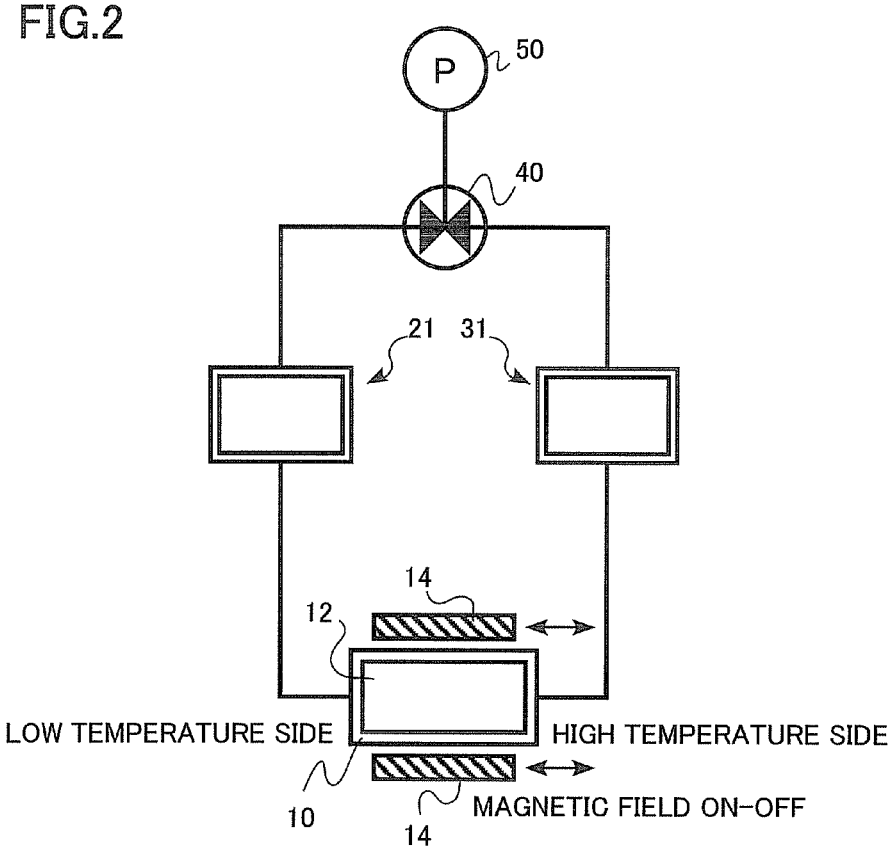

ΔS
$Gd_{100-x}Zr_x$
Gd
T

FIG.2


P
50
40
21
31
14
12
LOW TEMPERATURE SIDE
HIGH TEMPERATURE SIDE
10
14
MAGNETIC FIELD ON-OFF