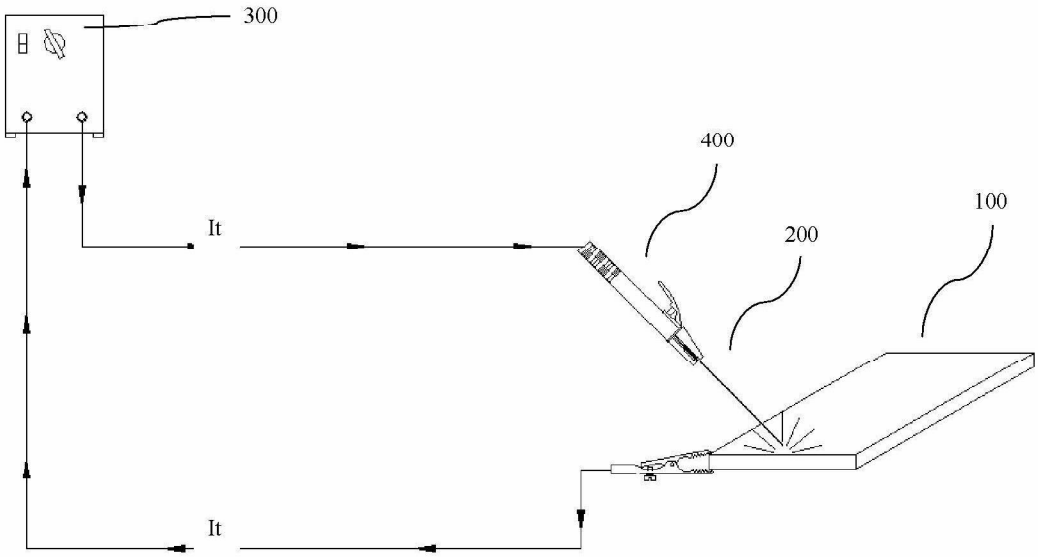


Fig. 1

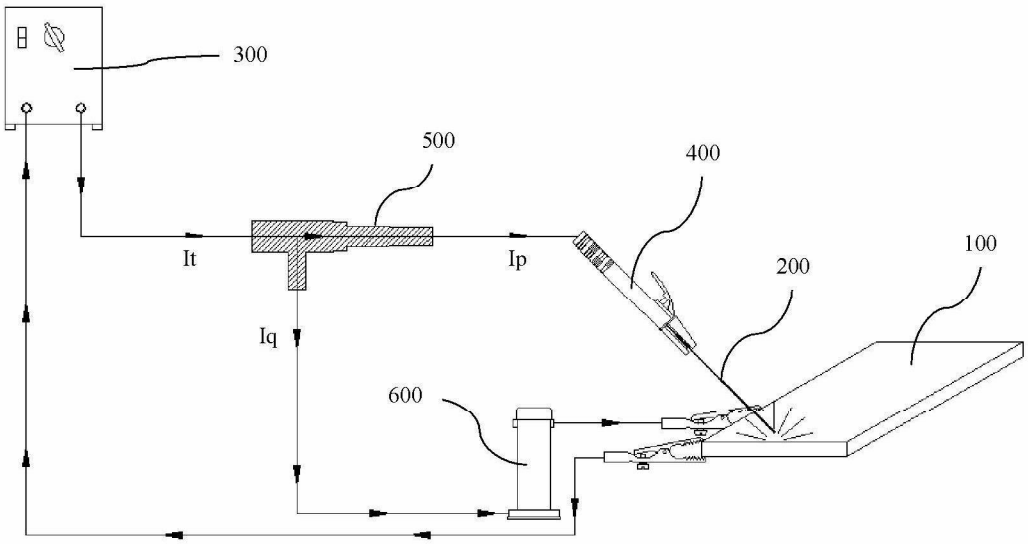


Fig. 2

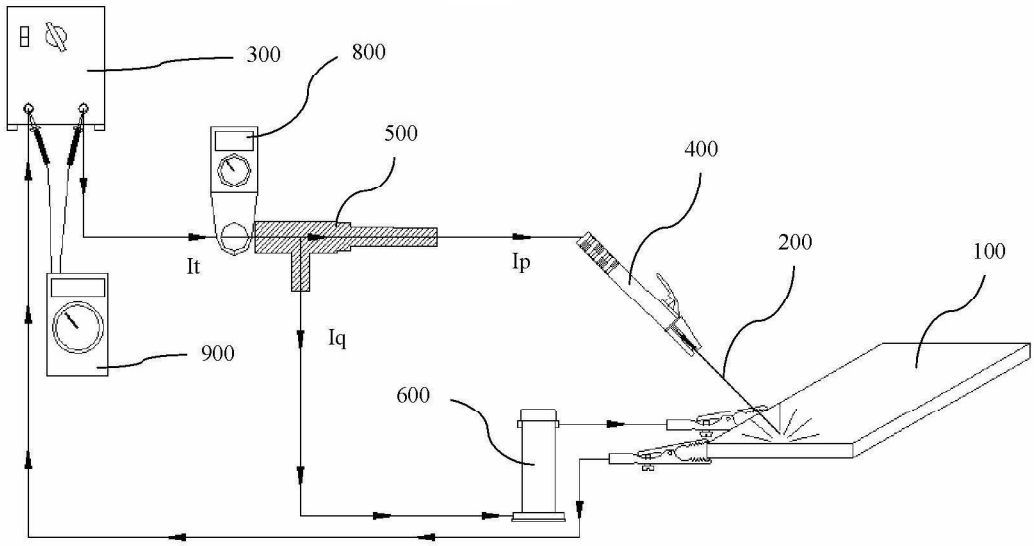


Fig. 3

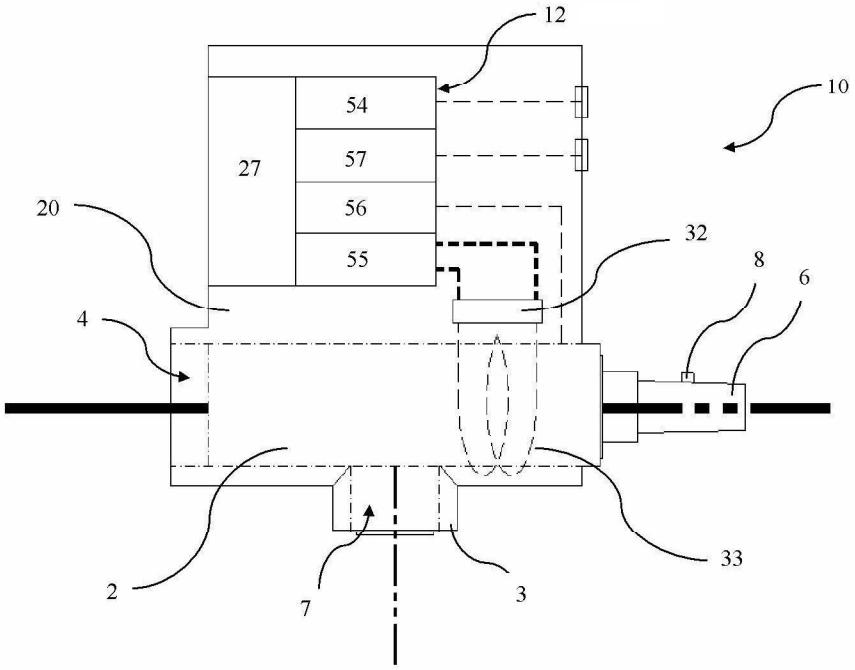


Fig. 4

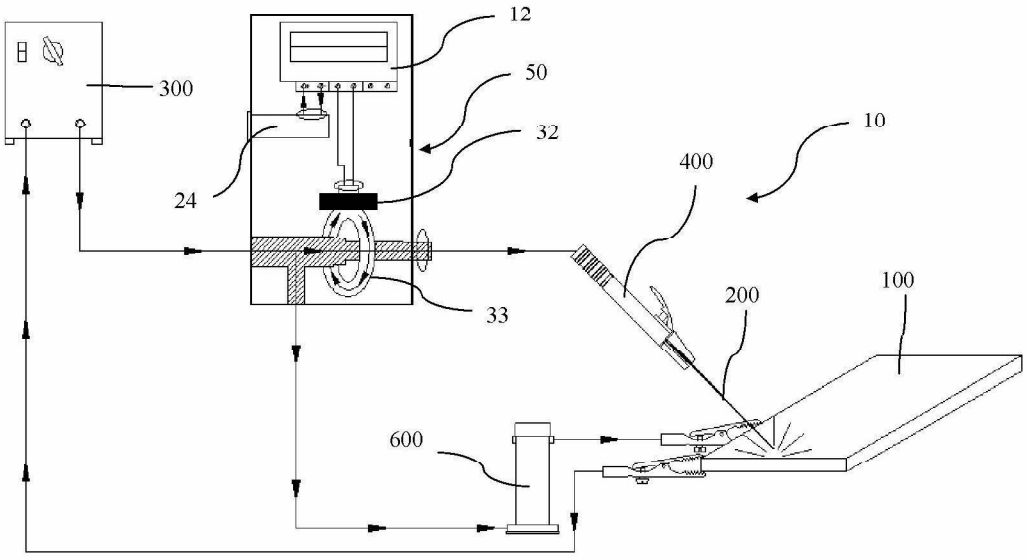


Fig. 5

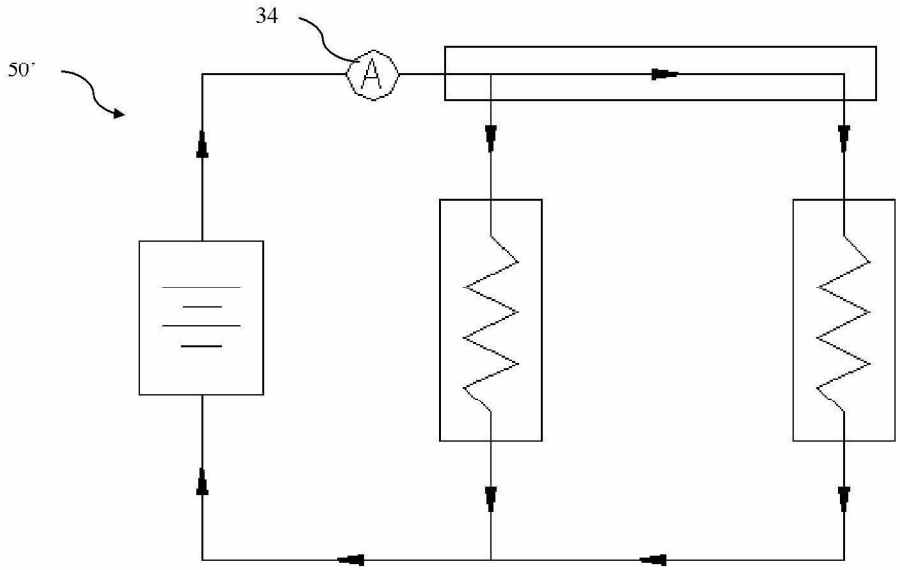


Fig. 5a

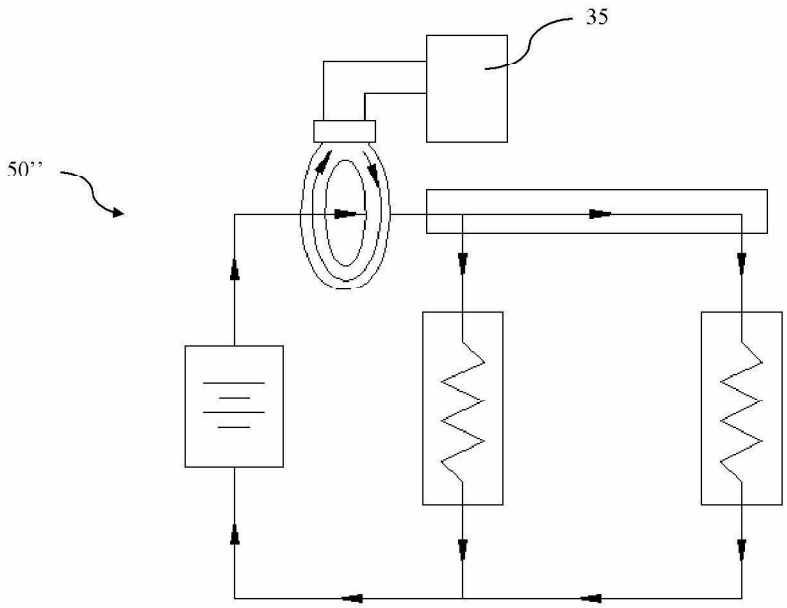


Fig. 5b

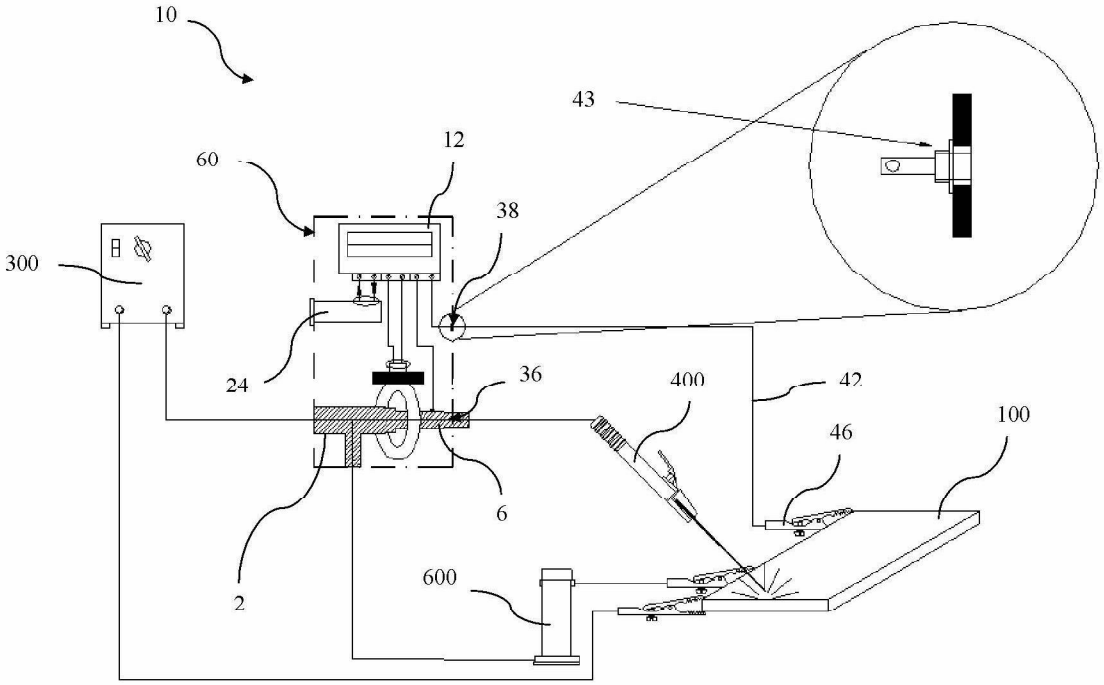


Fig. 6

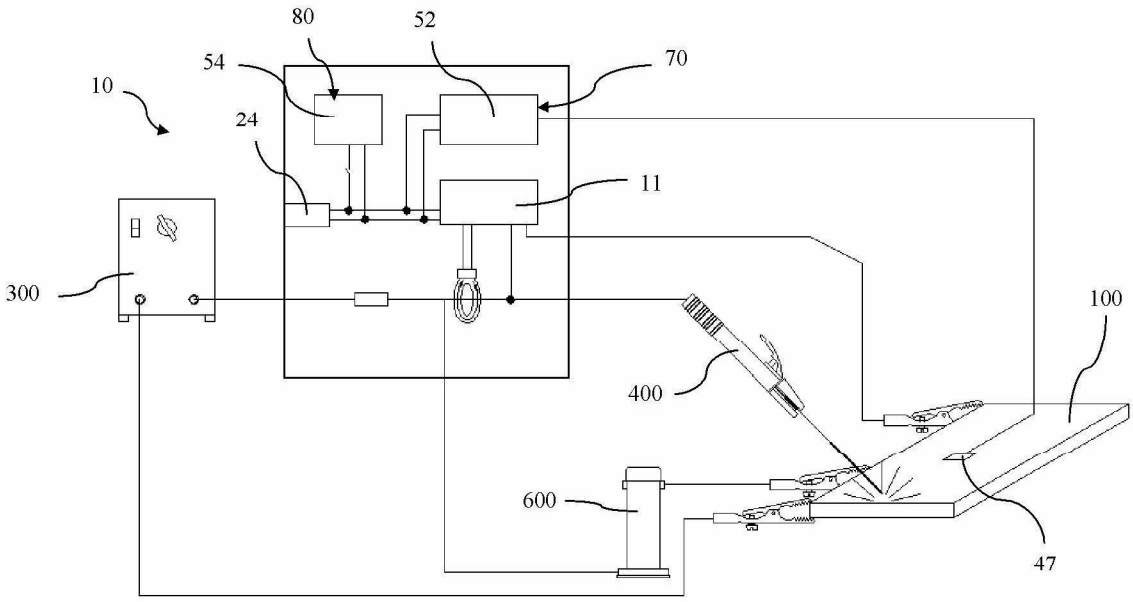


Fig. 7

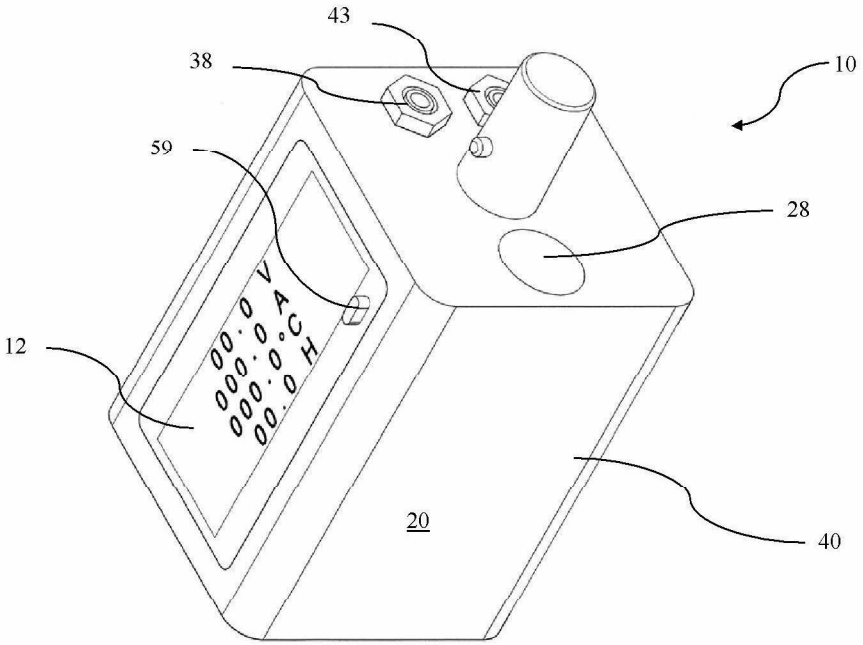


Fig. 8

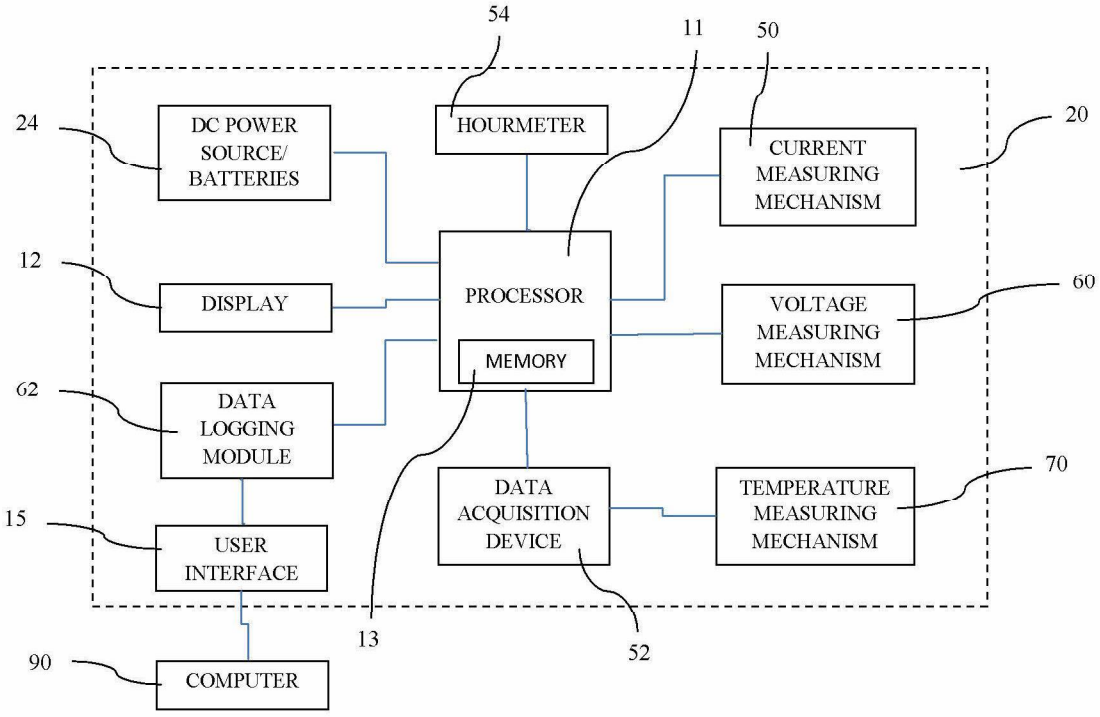

54
11
50
24
DC POWER SOURCE/ BATTERIES
HOURMETER
CURRENT MEASURING MECHANISM
20
12
DISPLAY
PROCESSOR
MEMORY
VOLTAGE MEASURING MECHANISM
60
62
DATA LOGGING MODULE
DATA ACQUISITION DEVICE
TEMPERATURE MEASURING MECHANISM
70
15
USER INTERFACE
13
52
90
COMPUTER

Fig. 9