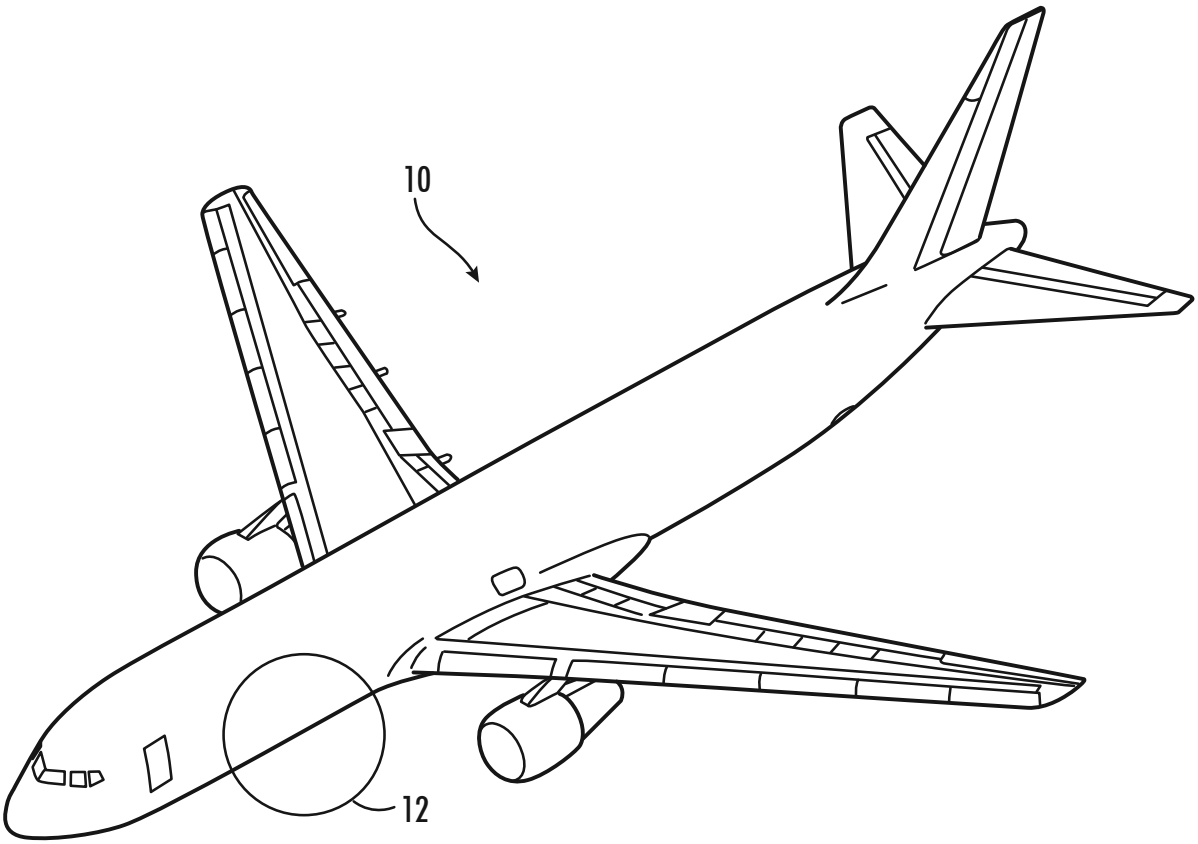


FIG.1

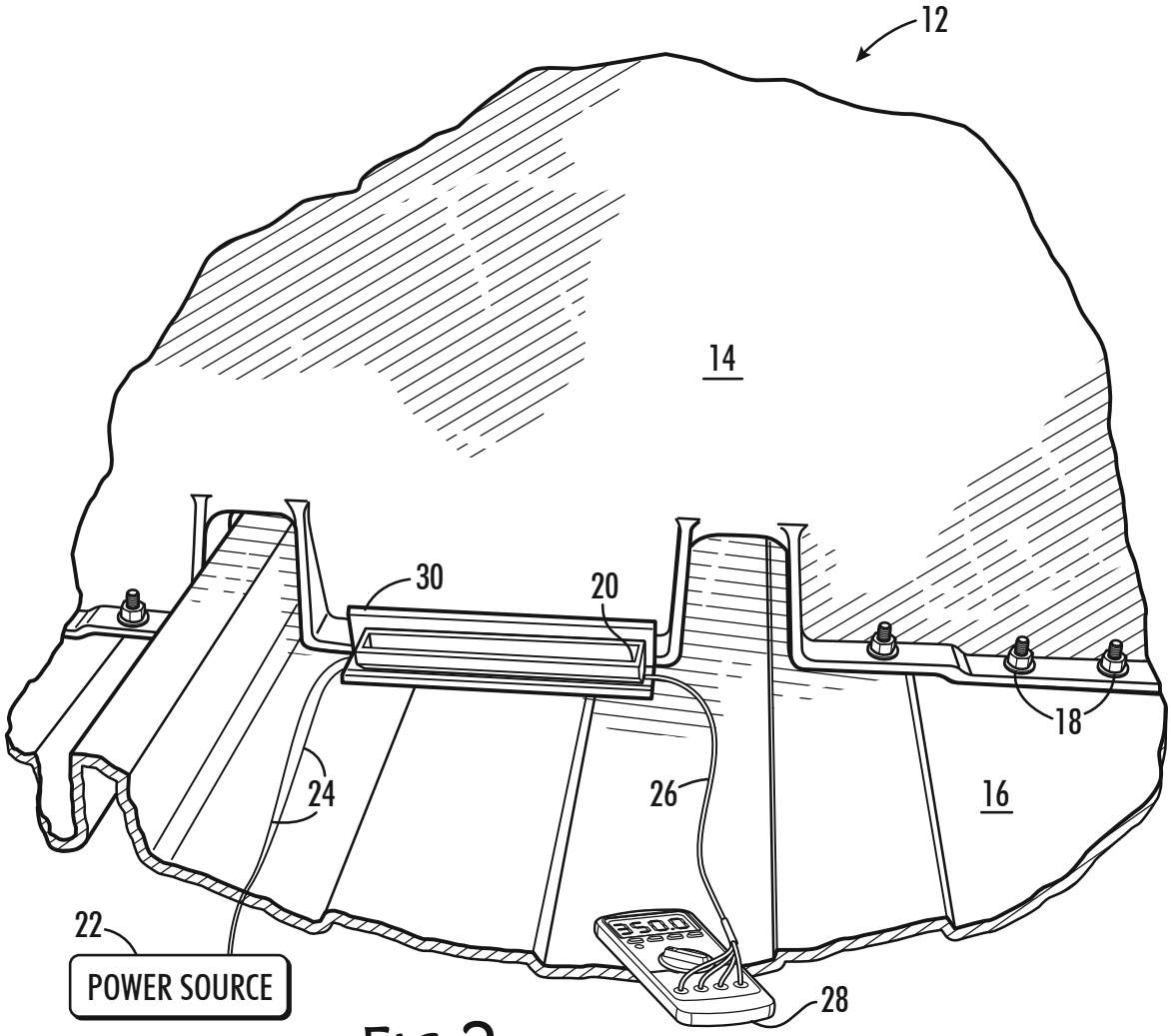


FIG.2

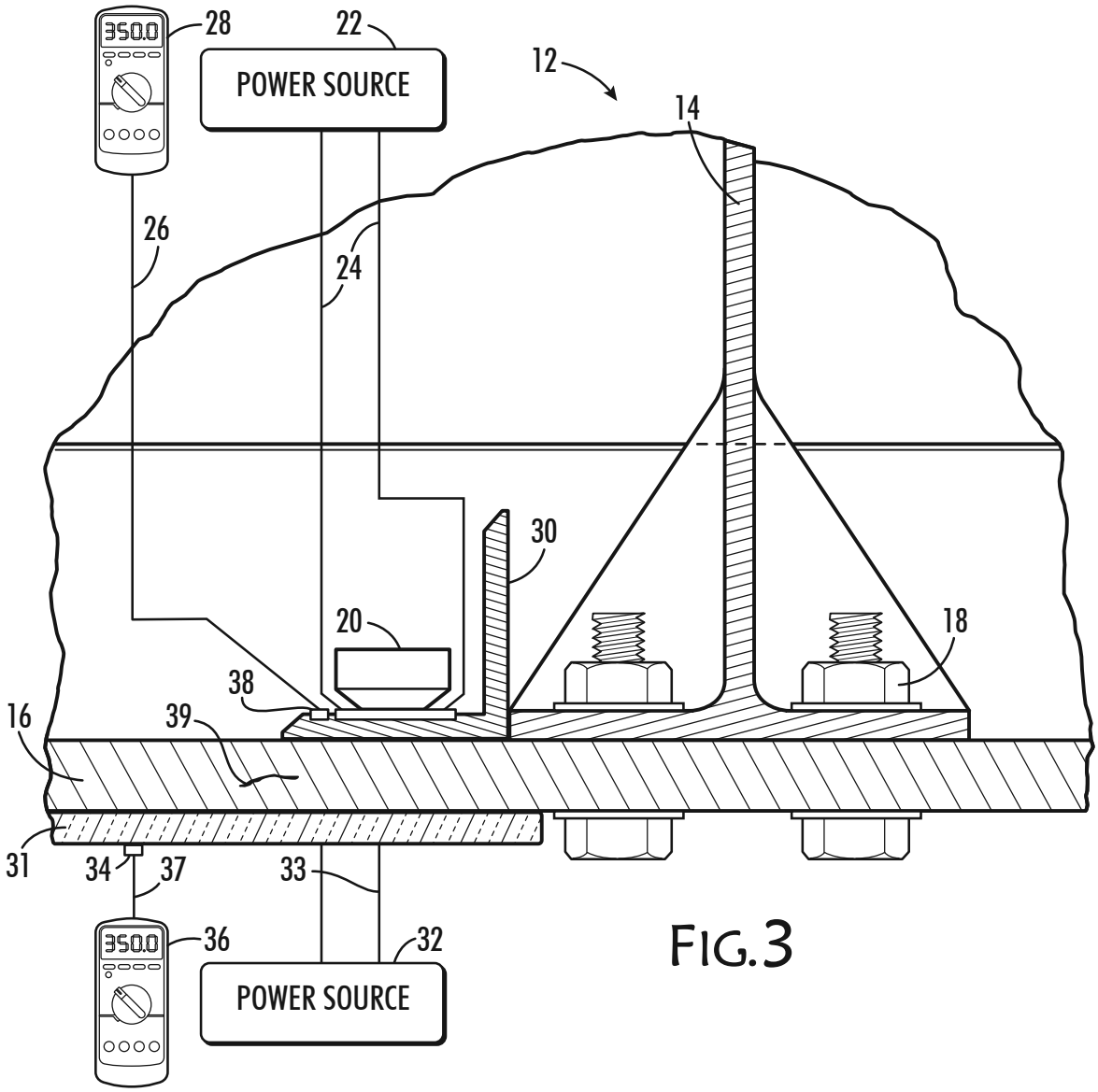

350.0
28
22
POWER SOURCE
12
14
26
24
30
20
18
38
16
39
31
34
37
33
350.0
36
32
POWER SOURCE

FIG.3

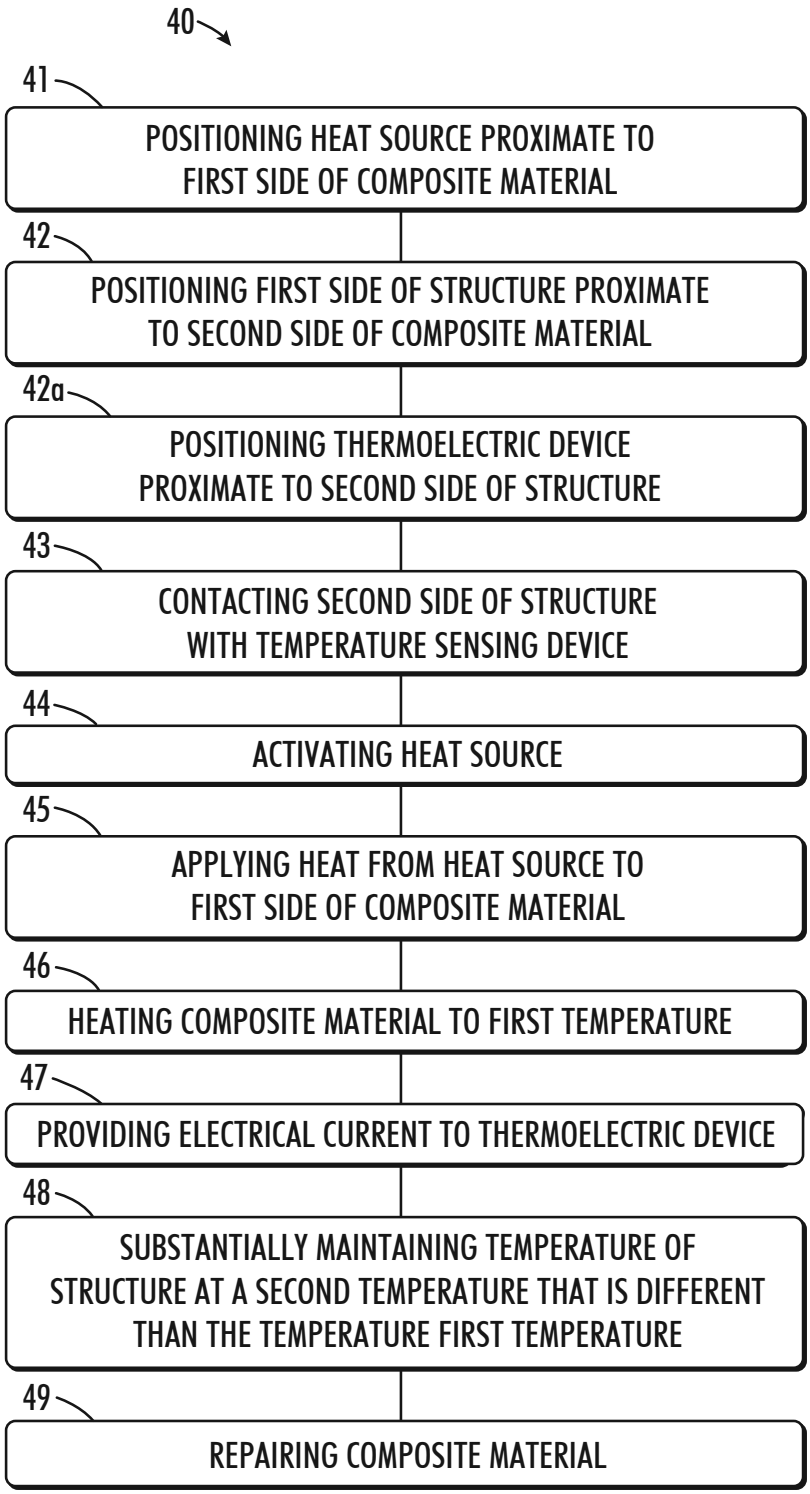

40
41
POSITIONING HEAT SOURCE PROXIMATE TO FIRST SIDE OF COMPOSITE MATERIAL
42
POSITIONING FIRST SIDE OF STRUCTURE PROXIMATE TO SECOND SIDE OF COMPOSITE MATERIAL
42a
POSITIONING THERMOELECTRIC DEVICE PROXIMATE TO SECOND SIDE OF STRUCTURE
43
CONTACTING SECOND SIDE OF STRUCTURE WITH TEMPERATURE SENSING DEVICE
44
ACTIVATING HEAT SOURCE
45
APPLYING HEAT FROM HEAT SOURCE TO FIRST SIDE OF COMPOSITE MATERIAL
46
HEATING COMPOSITE MATERIAL TO FIRST TEMPERATURE
47
PROVIDING ELECTRICAL CURRENT TO THERMOELECTRIC DEVICE
48
SUBSTANTIALLY MAINTAINING TEMPERATURE OF STRUCTURE AT A SECOND TEMPERATURE THAT IS DIFFERENT THAN THE TEMPERATURE FIRST TEMPERATURE
49
REPAIRING COMPOSITE MATERIAL

FIG.4