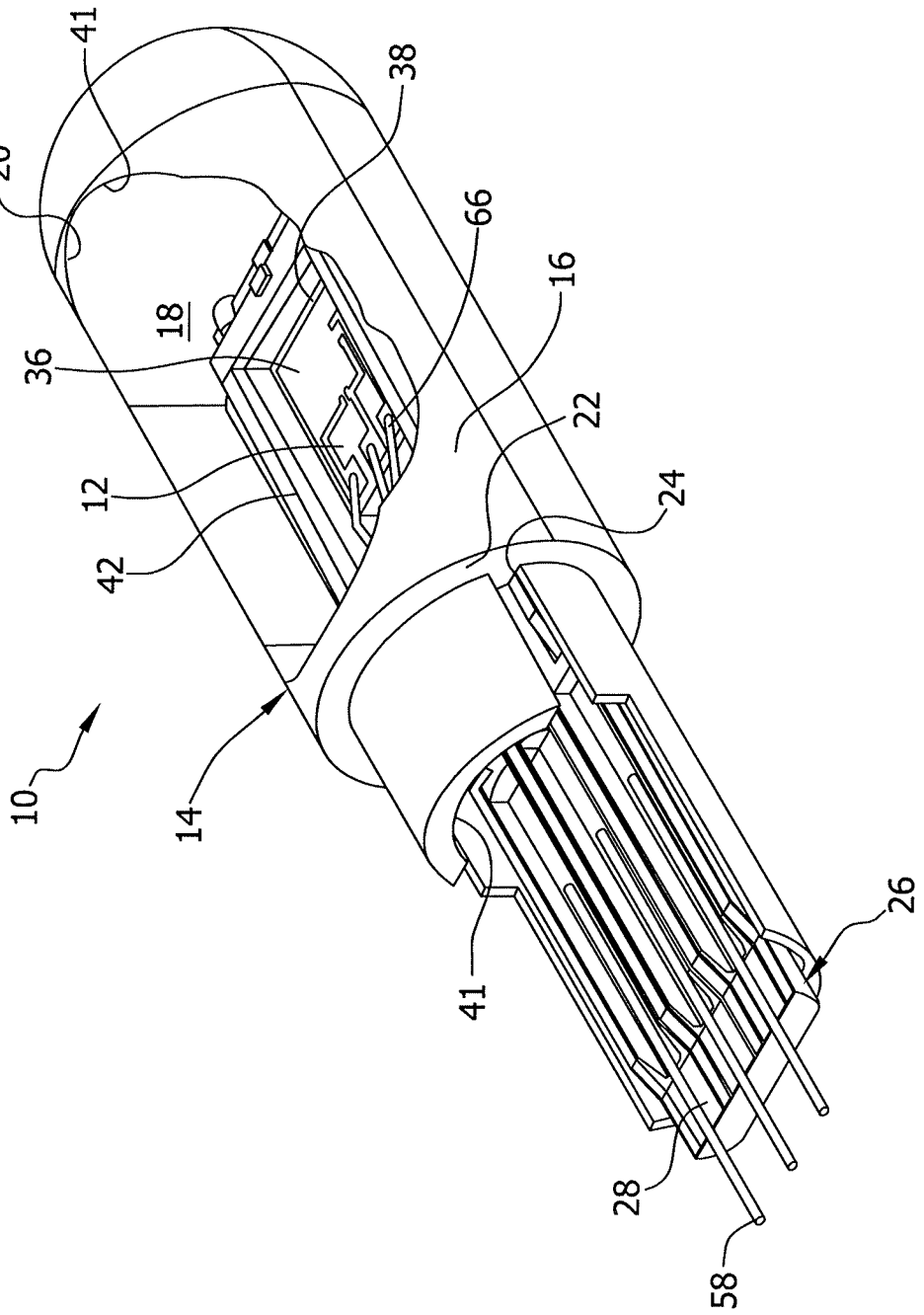
FIG. 1



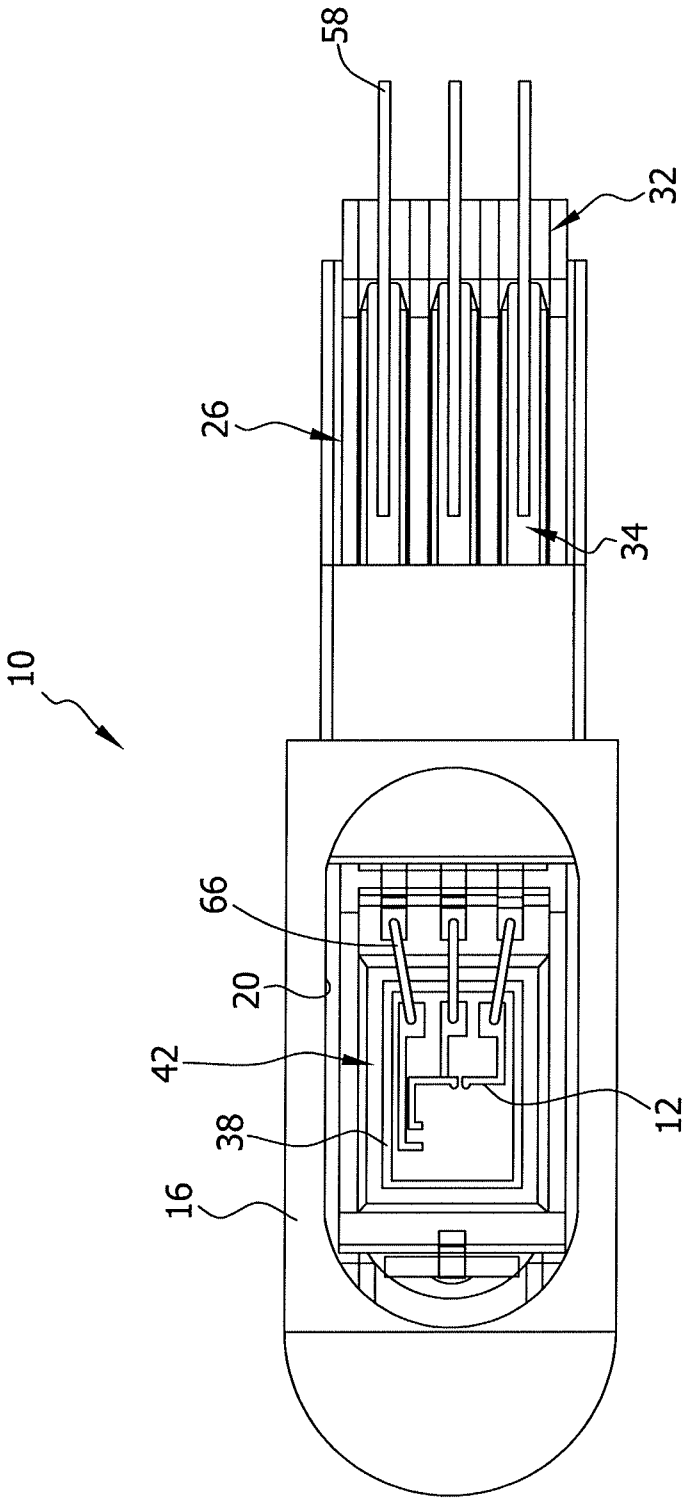
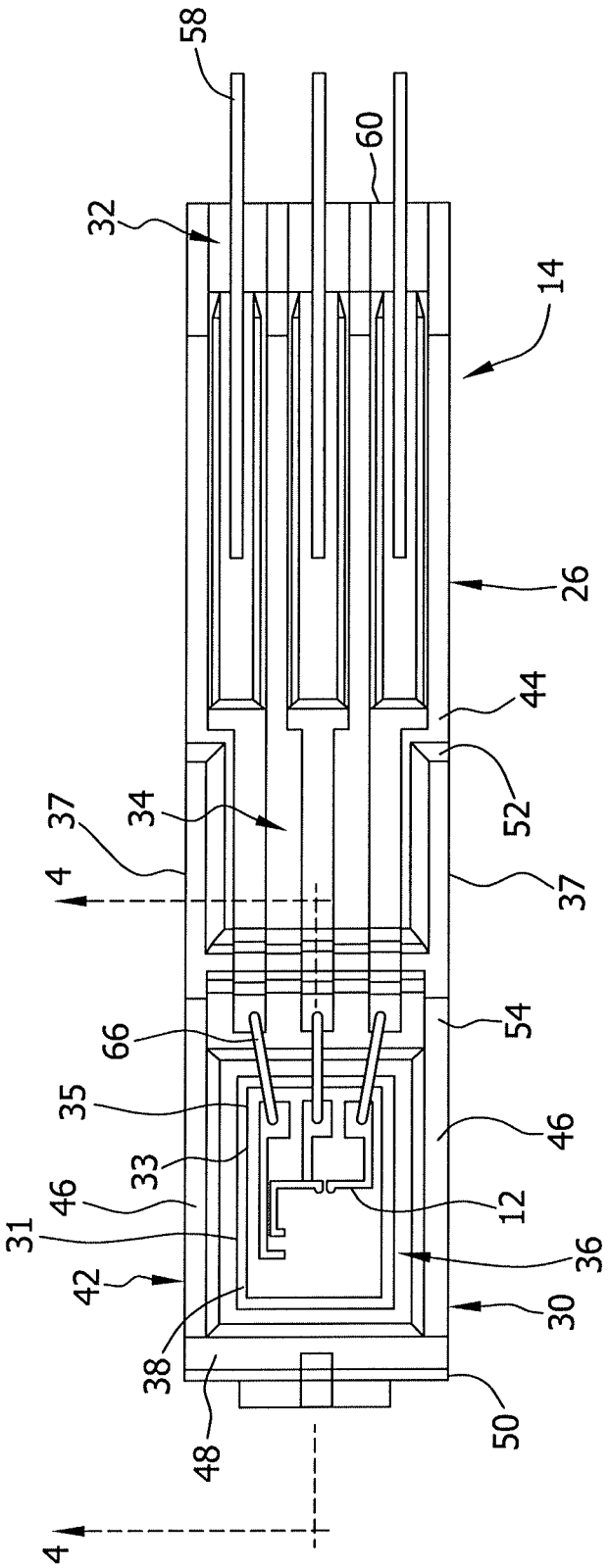


FIG. 2

FIG. 3


58
60
32
14
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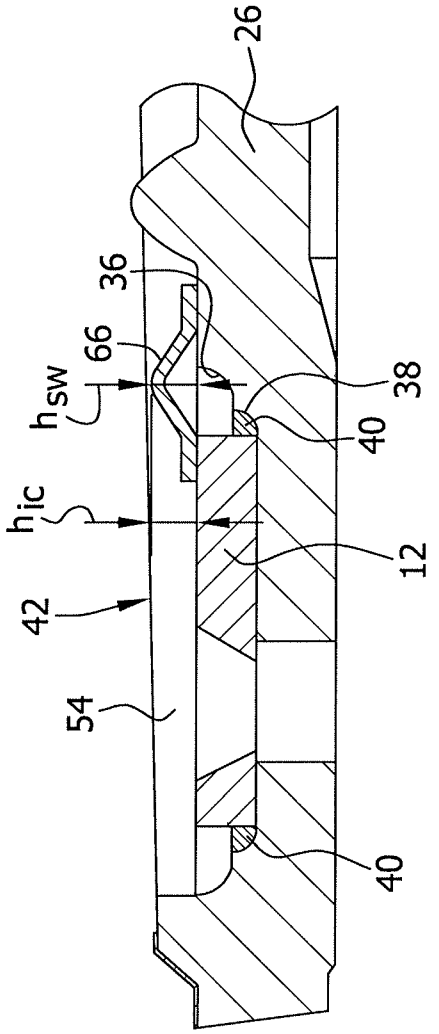


FIG. 4

FIG. 5

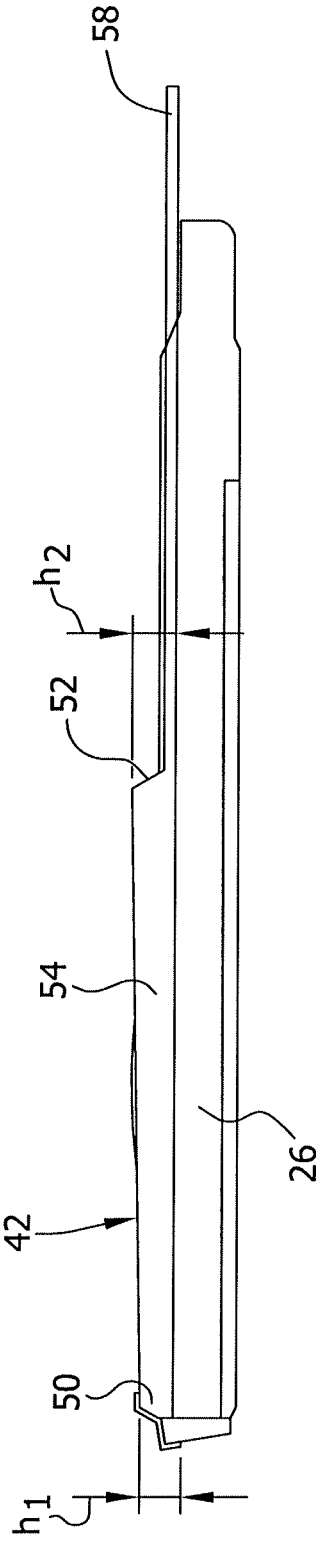


FIG. 6

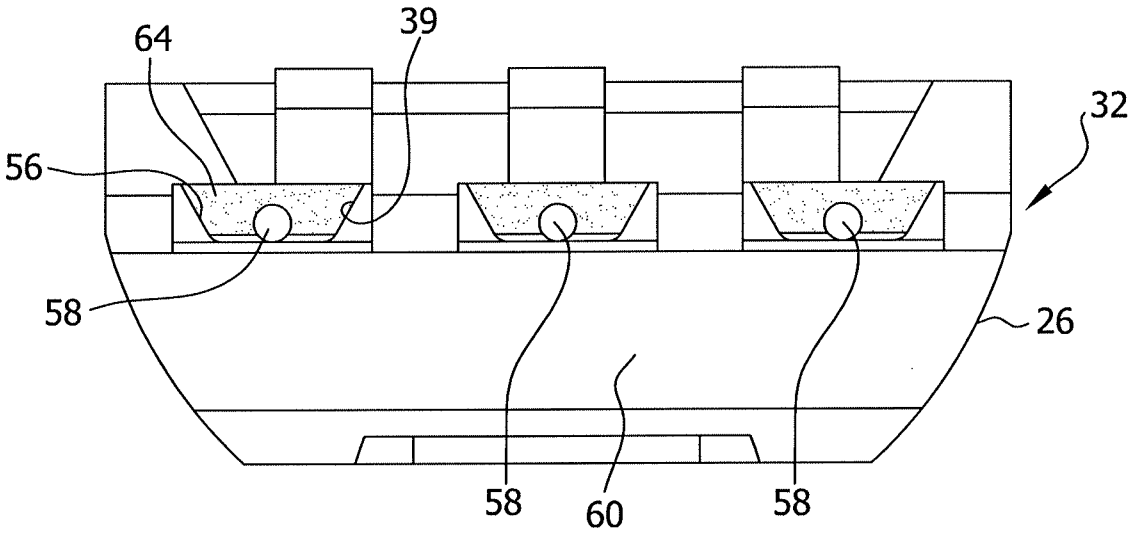
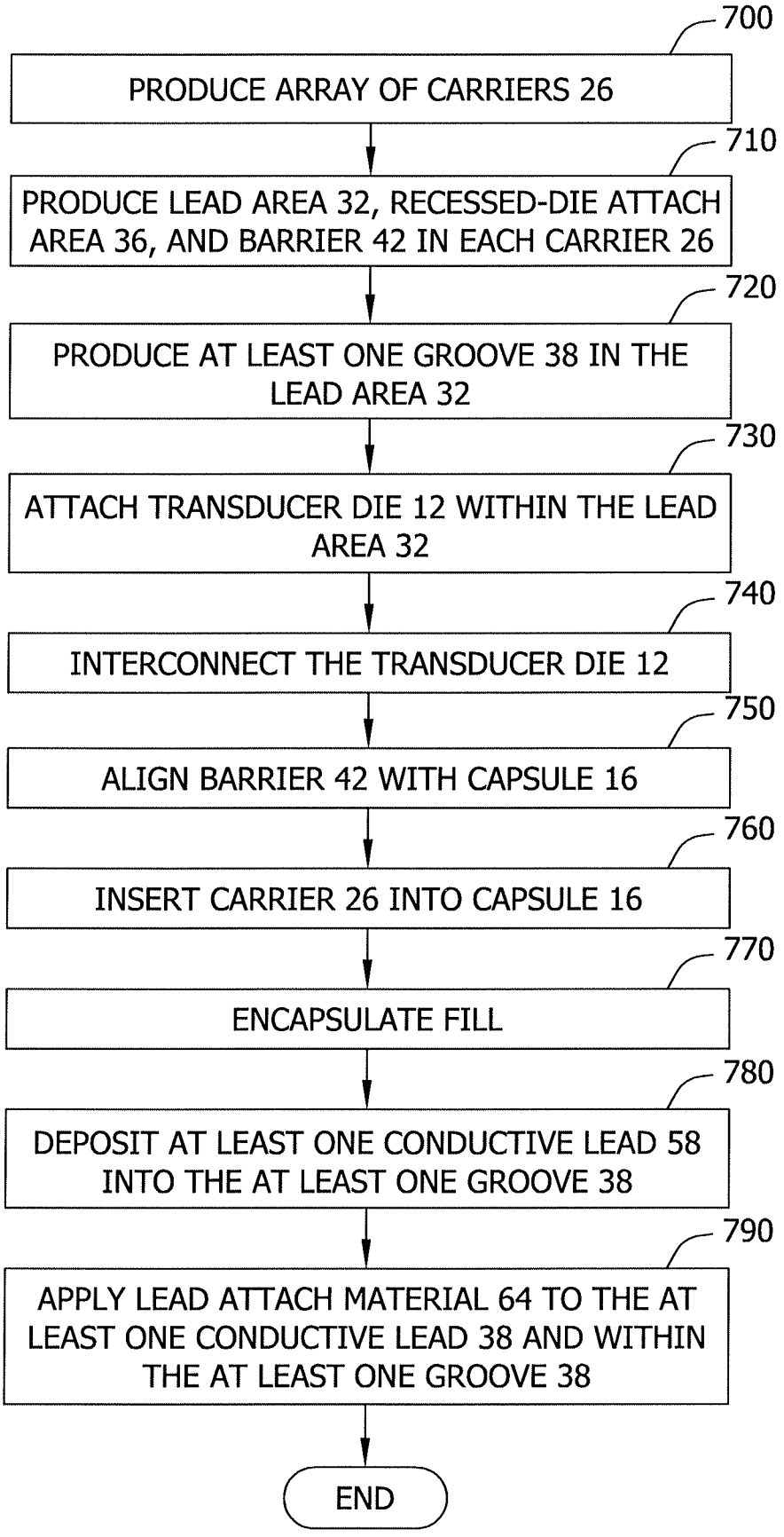


FIG. 7


700
PRODUCE ARRAY OF CARRIERS 26
710
PRODUCE LEAD AREA 32, RECESSED-DIE ATTACH AREA 36, AND BARRIER 42 IN EACH CARRIER 26
720
PRODUCE AT LEAST ONE GROOVE 38 IN THE LEAD AREA 32
730
ATTACH TRANSDUCER DIE 12 WITHIN THE LEAD AREA 32
740
INTERCONNECT THE TRANSDUCER DIE 12
750
ALIGN BARRIER 42 WITH CAPSULE 16
760
INSERT CARRIER 26 INTO CAPSULE 16
770
ENCAPSULATE FILL
780
DEPOSIT AT LEAST ONE CONDUCTIVE LEAD 58 INTO THE AT LEAST ONE GROOVE 38
790
APPLY LEAD ATTACH MATERIAL 64 TO THE AT LEAST ONE CONDUCTIVE LEAD 38 AND WITHIN THE AT LEAST ONE GROOVE 38
END