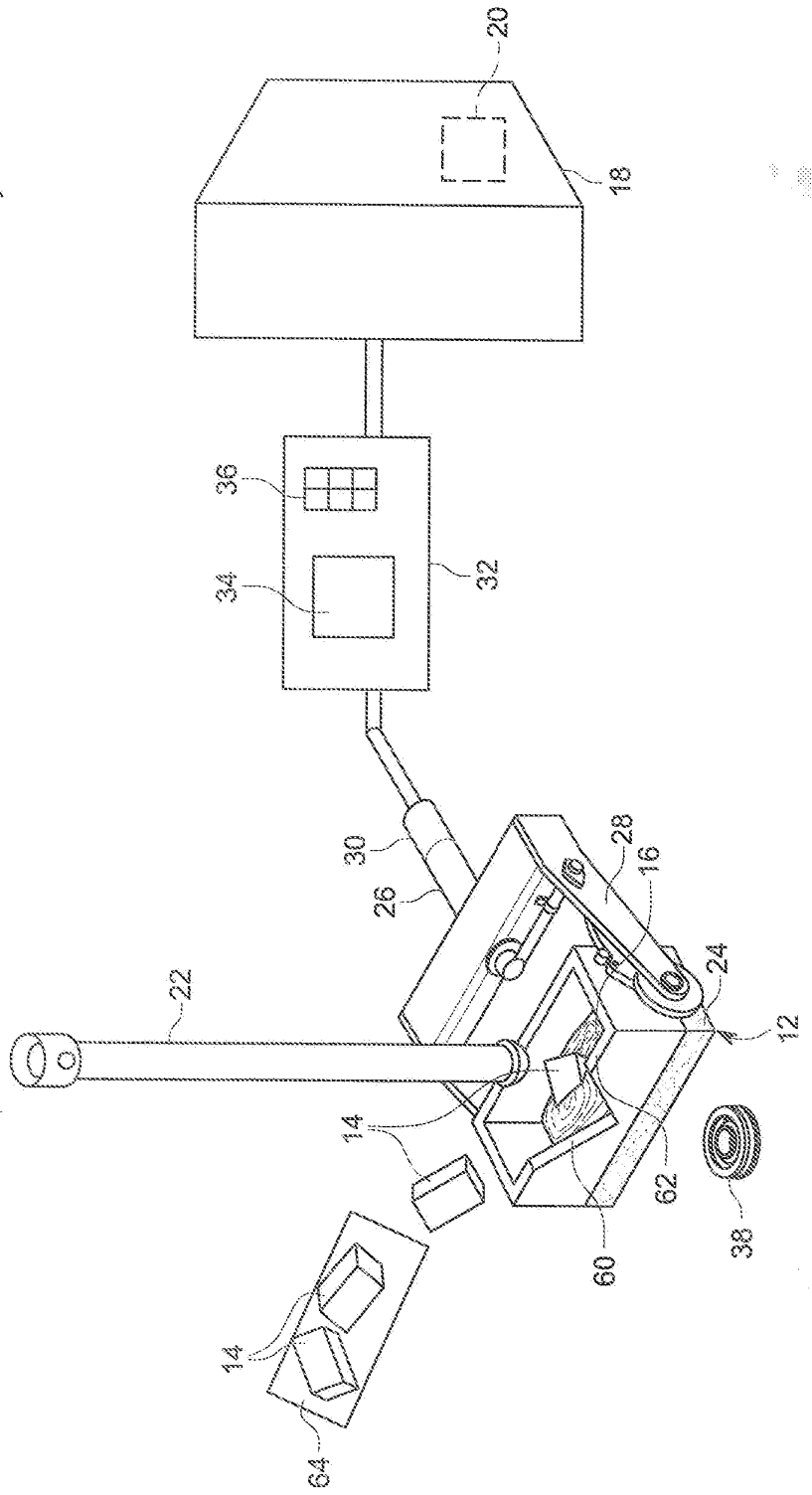


FIG. 1

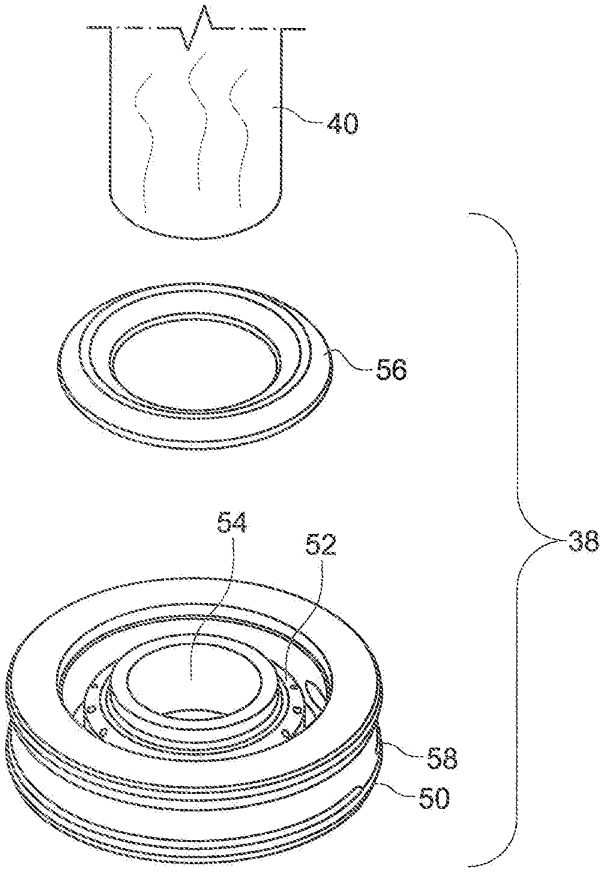


FIG. 2A

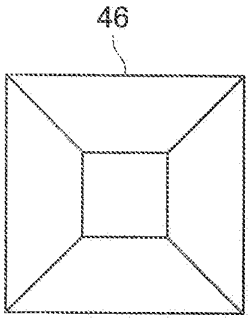


FIG. 2B

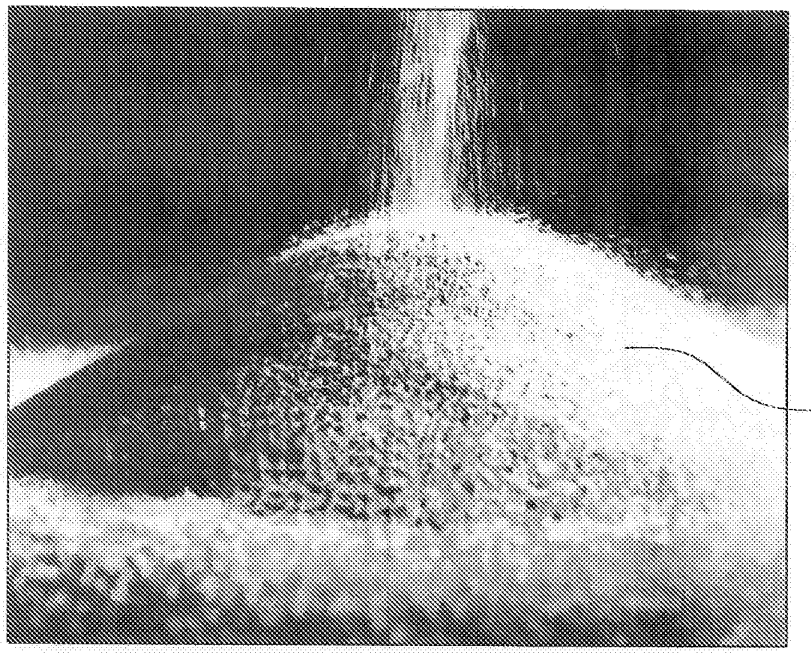


FIG. 3A

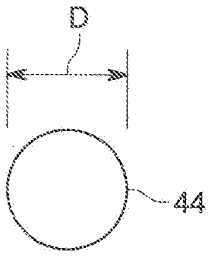


FIG. 3B

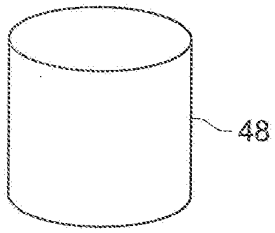


FIG. 4

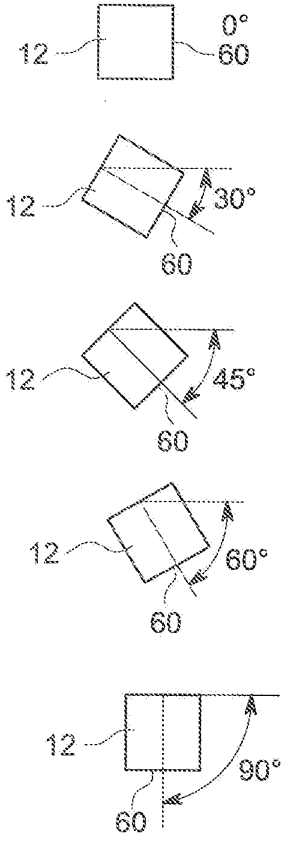


FIG. 5

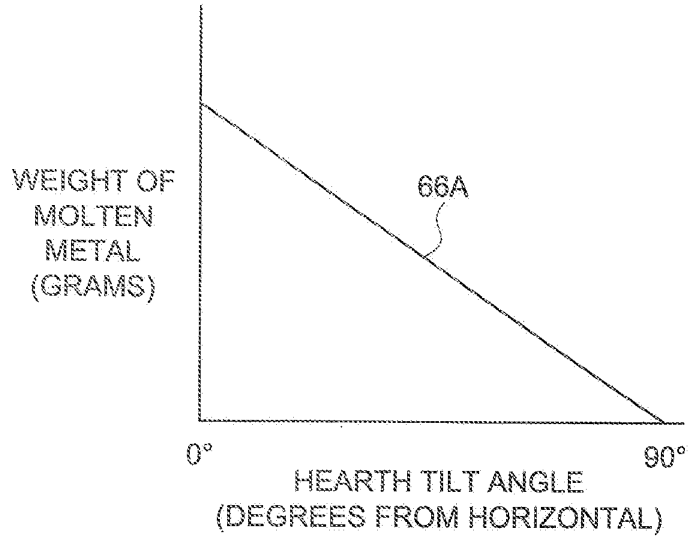

WEIGHT OF MOLTEN METAL (GRAMS)
66A
0°
90°
HEARTH TILT ANGLE
(DEGREES FROM HORIZONTAL)

FIG. 6A

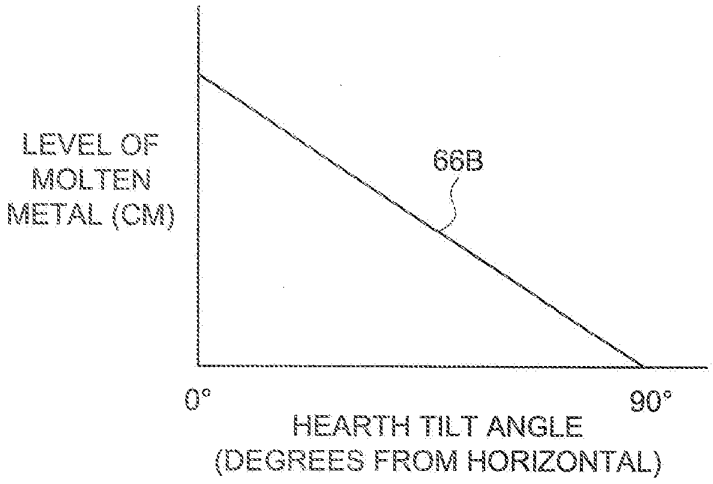

LEVEL OF MOLTEN METAL (CM)
66B
0°
90°
HEARTH TILT ANGLE
(DEGREES FROM HORIZONTAL)

FIG. 6B

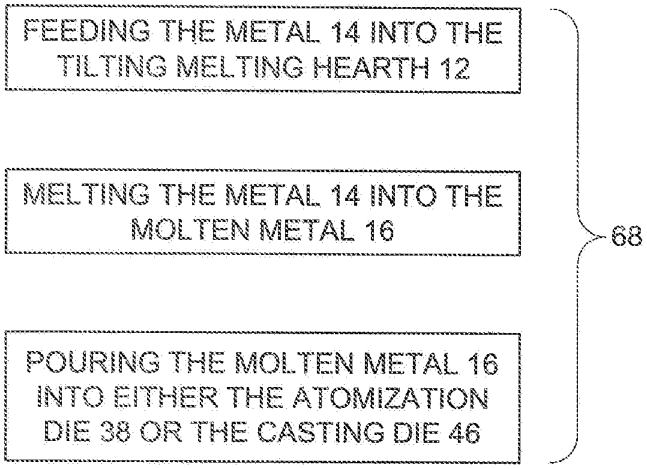

FEEDING THE METAL 14 INTO THE TILTING MELTING HEARTH 12
MELTING THE METAL 14 INTO THE MOLTEN METAL 16
POURING THE MOLTEN METAL 16 INTO EITHER THE ATOMIZATION DIE 38 OR THE CASTING DIE 46
68

FIG. 7