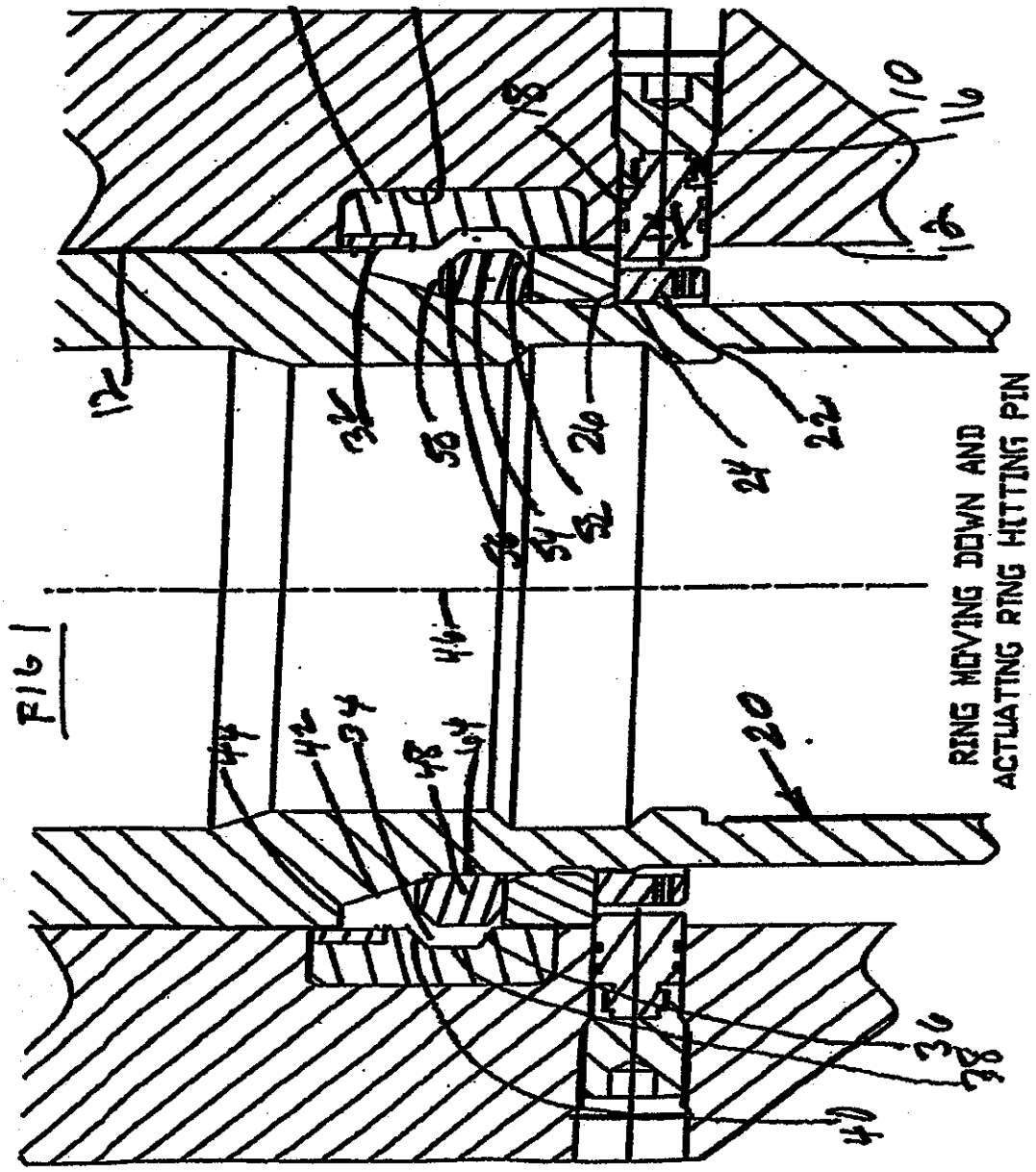


Fig 1

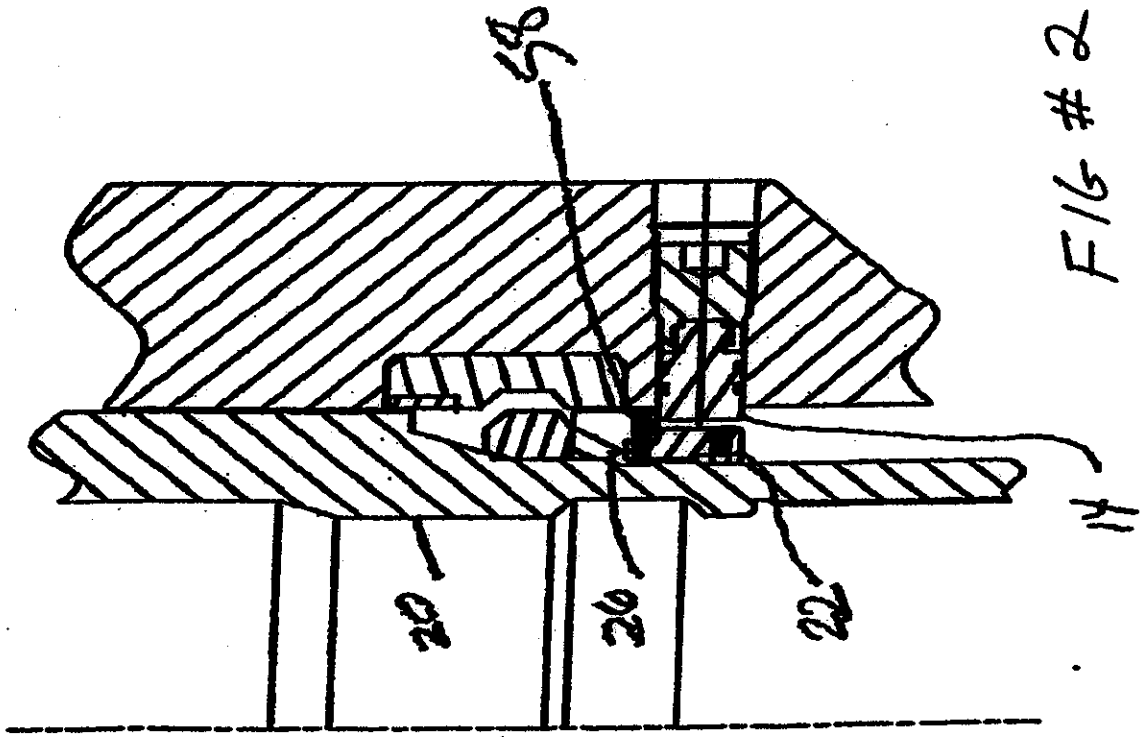


FIG #2

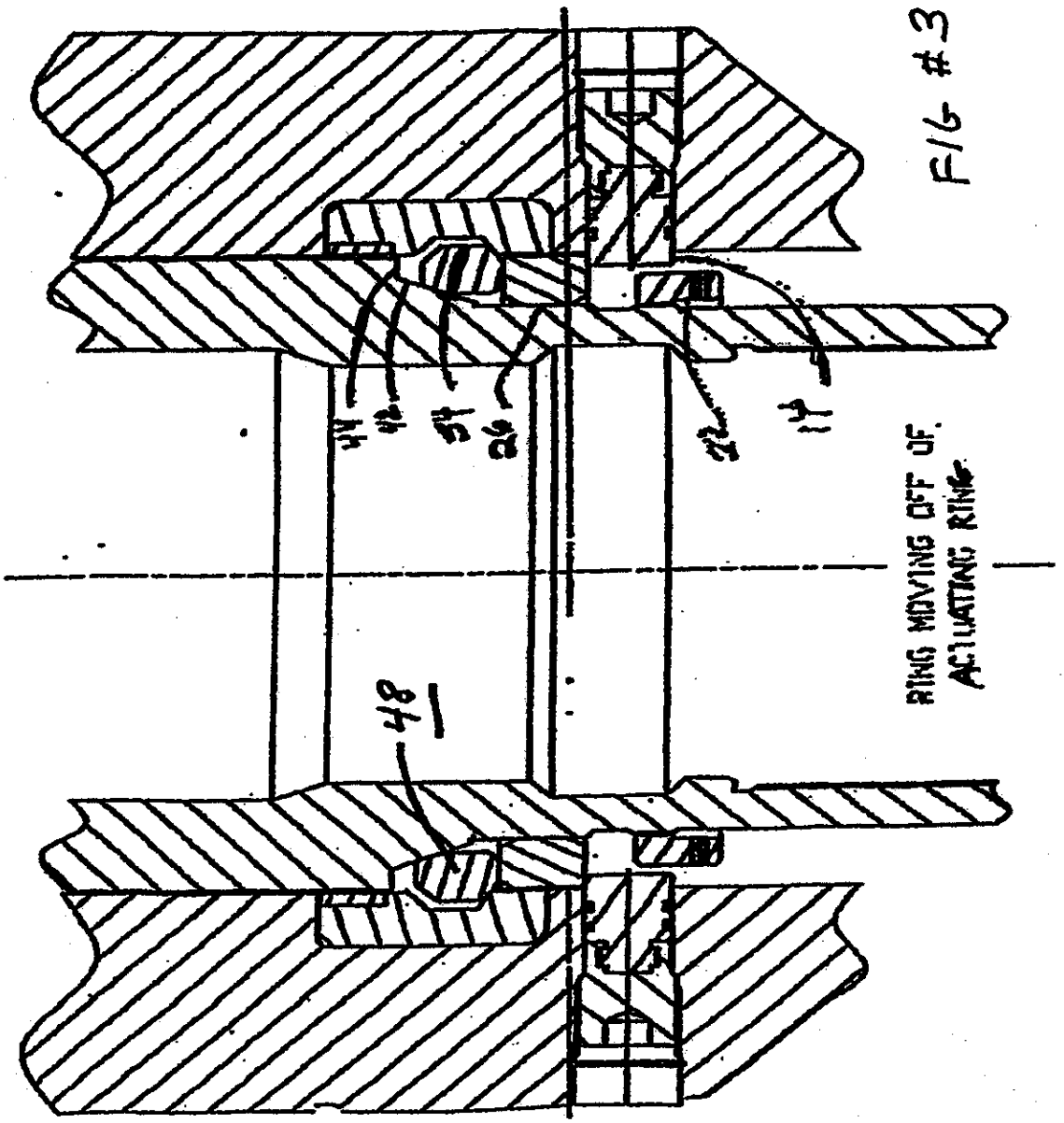


FIG #3

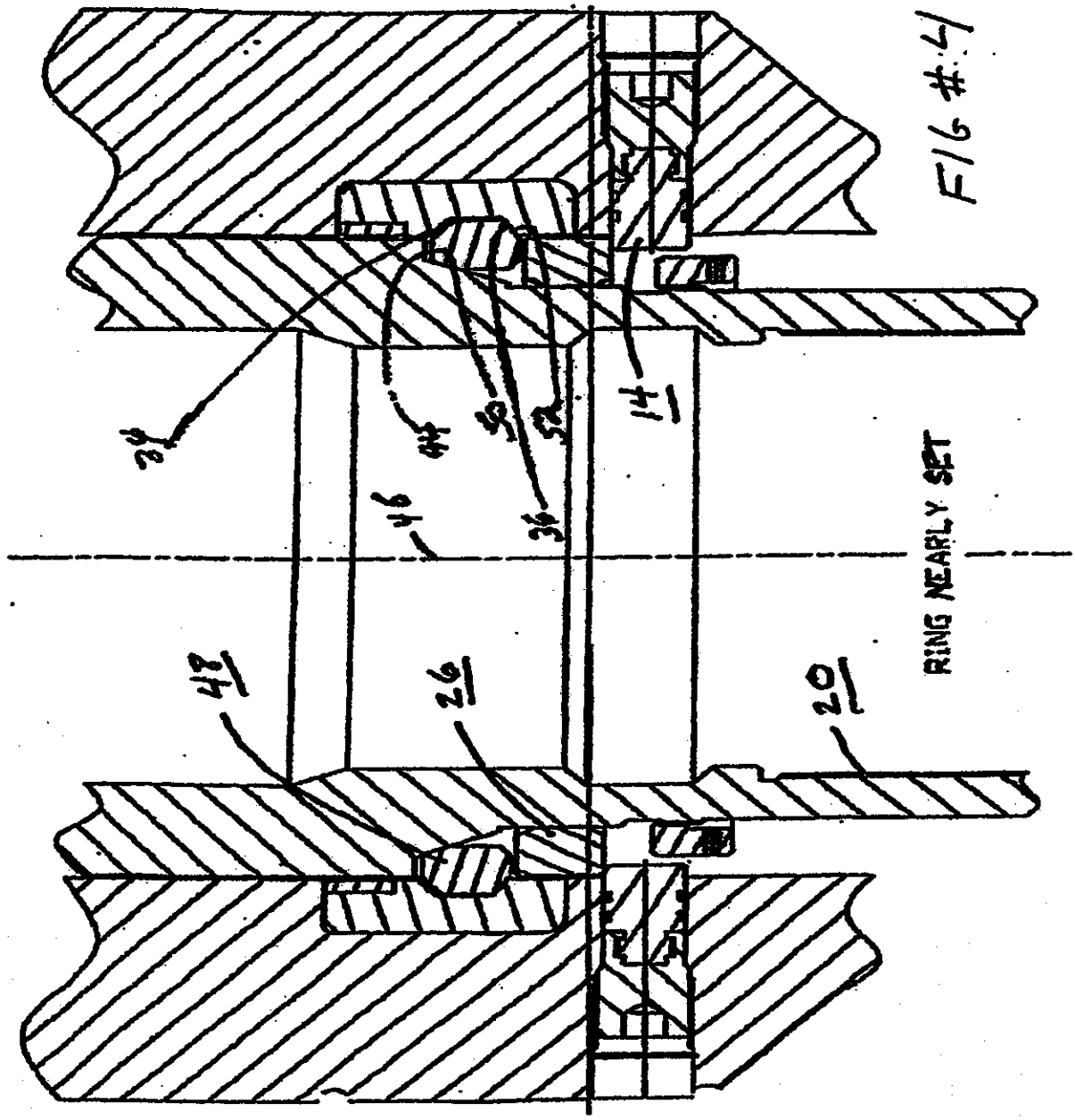


FIG #4

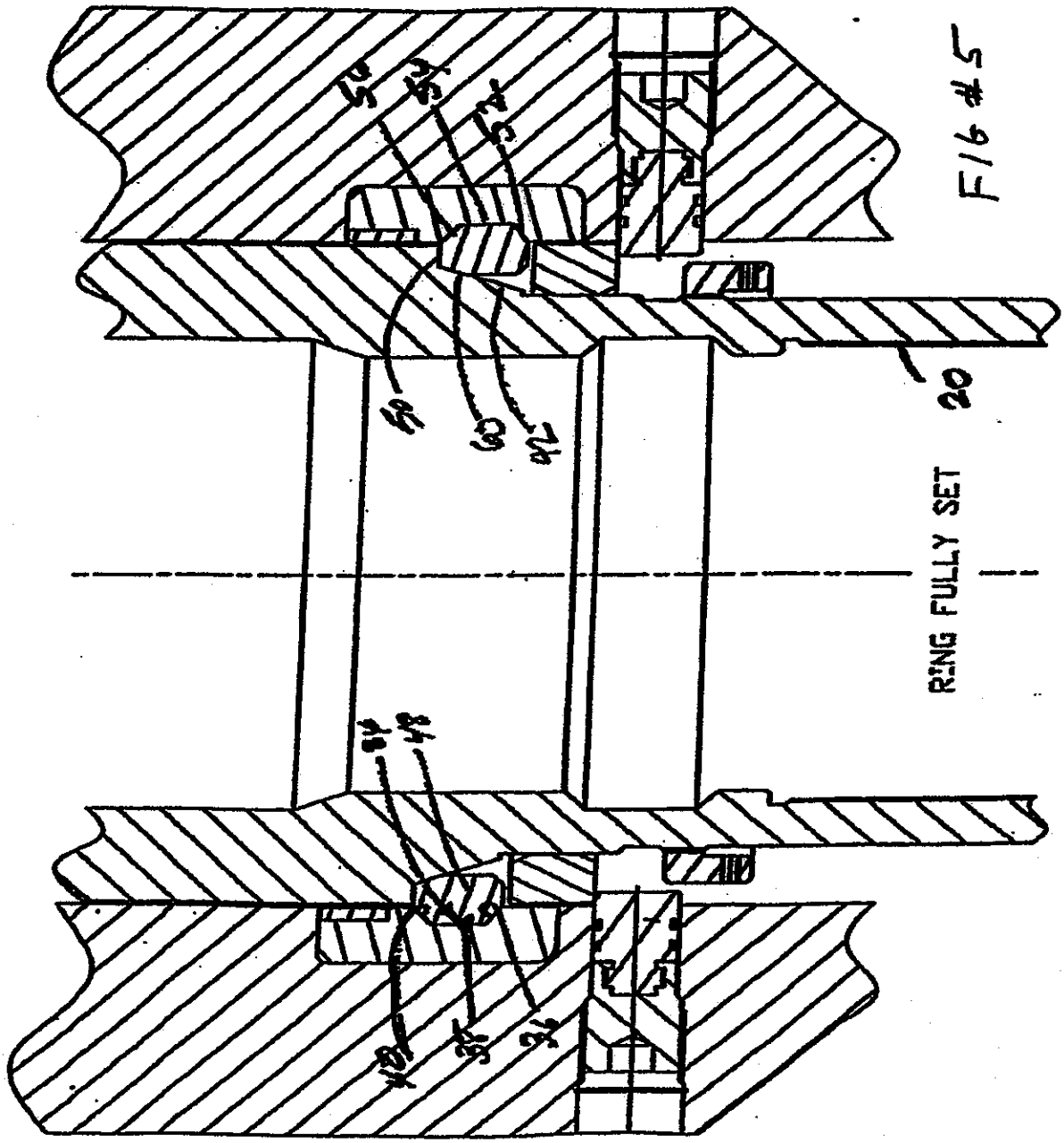
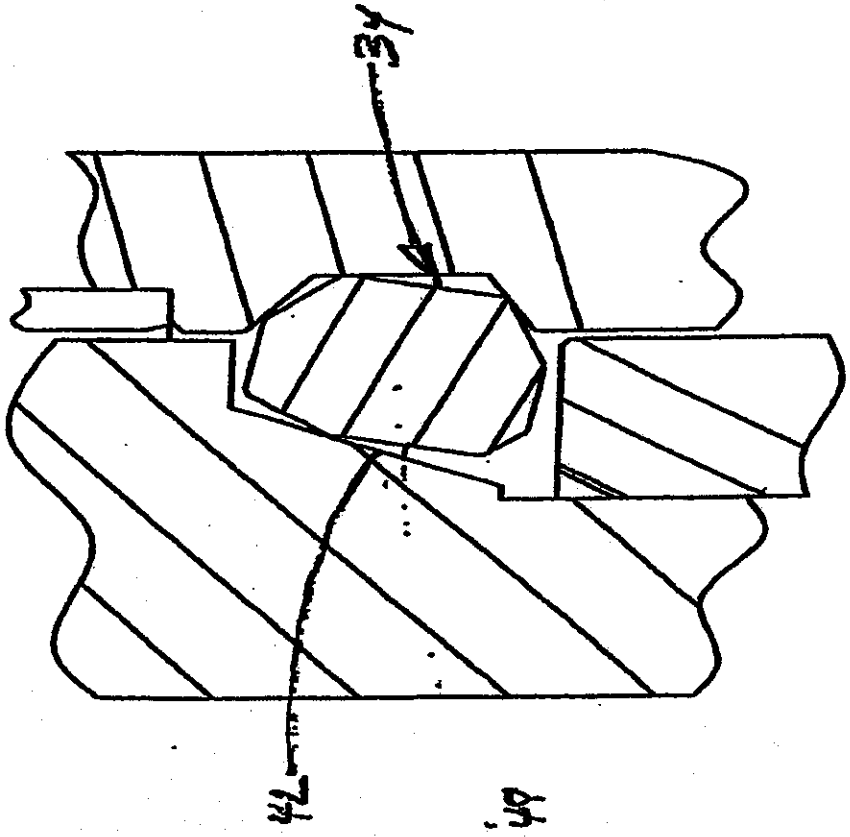


FIG #5



RING ROTATED OUT OF POSITION WITH UNDERCUT DIA OF BORE SHOULDER CORRECTING MISALIGNMENT

FIG #6

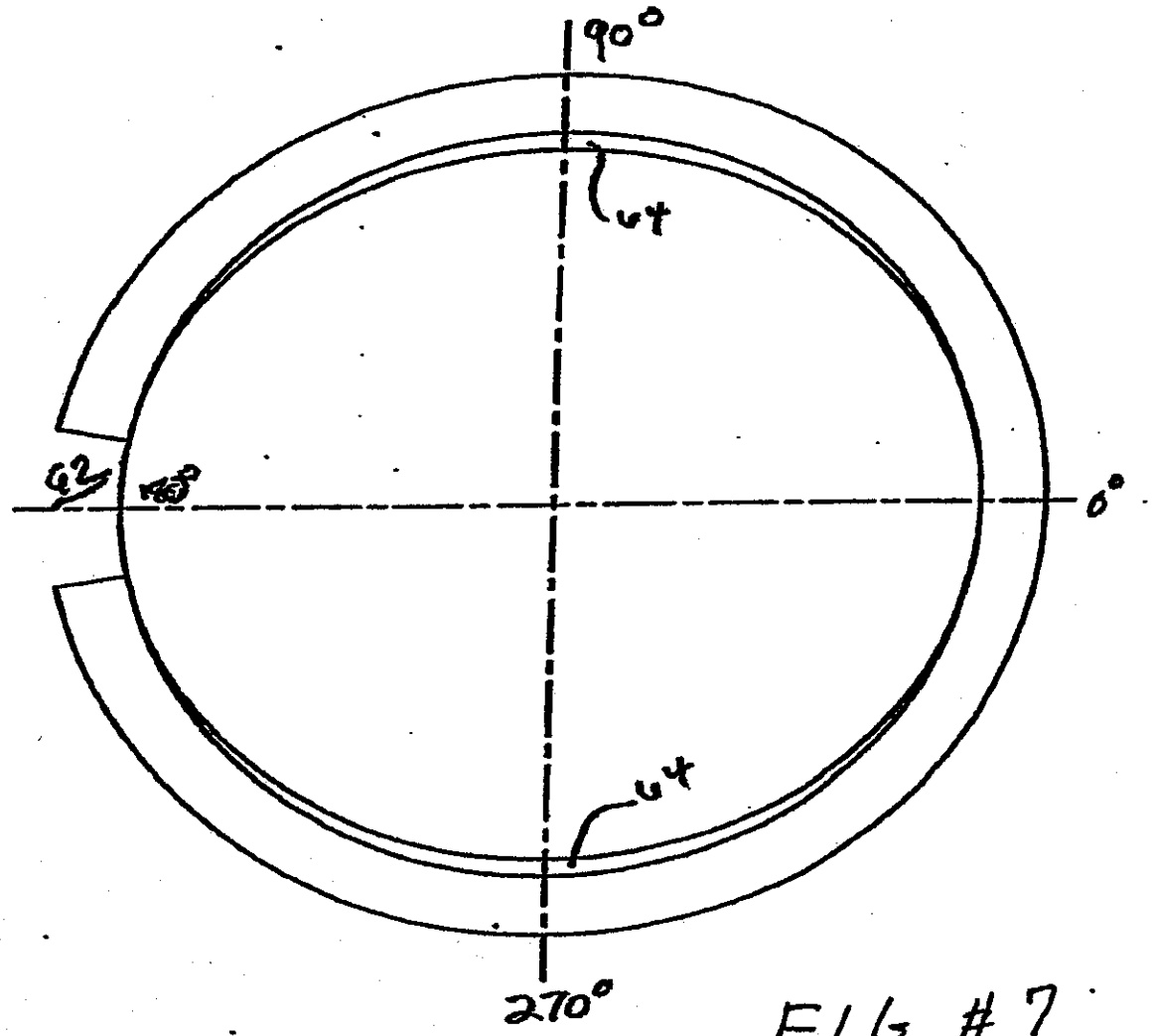


FIG #7

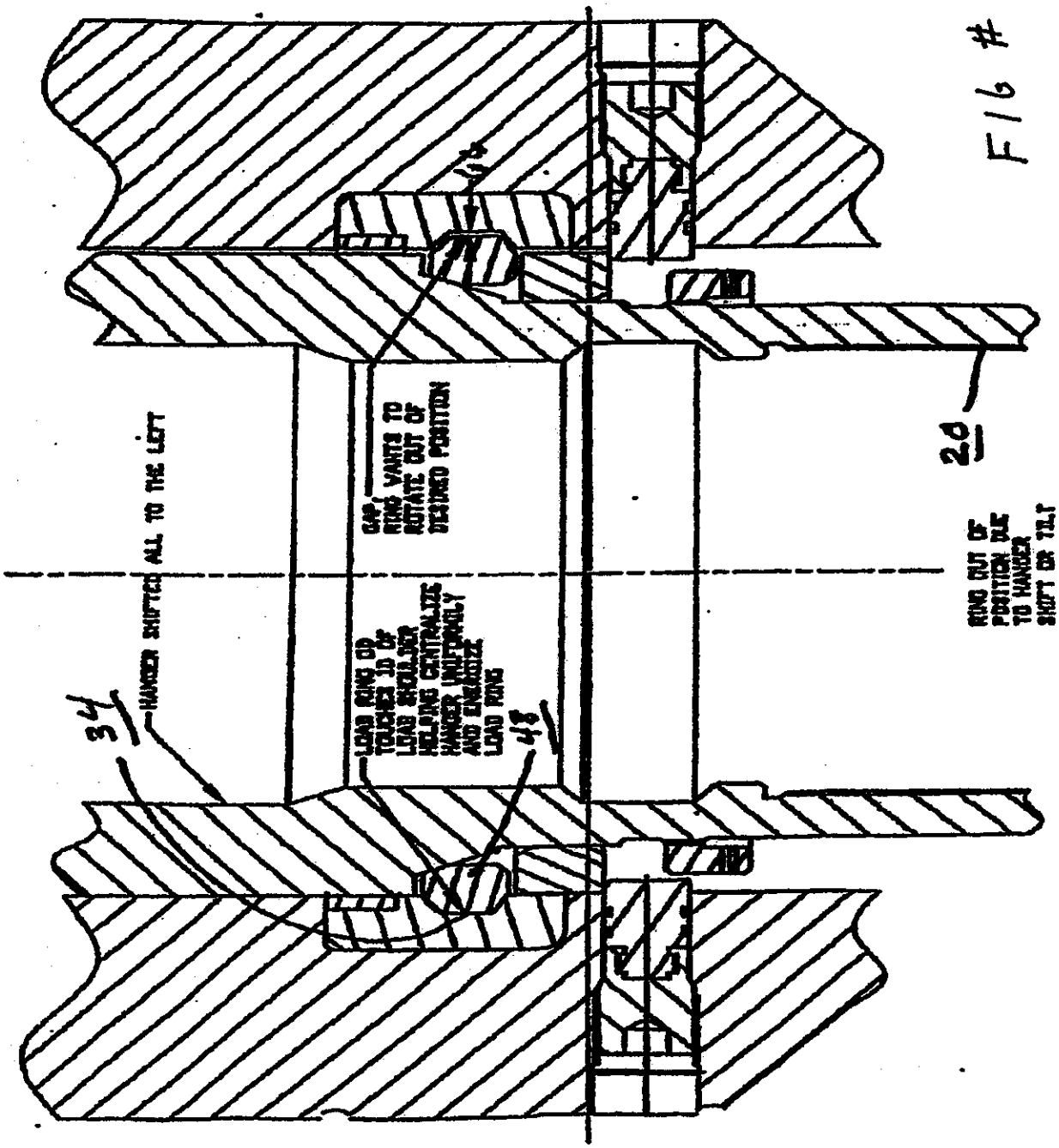

HANGER SHIFTED ALL TO THE LEFT
RING VANTS TO ROTATE OUT OF DESIRED POSITION
LOAD RING OD TOUCHES ID OF LOAD SHOULDER AND CENTRALIZES HANGER UNIFORMLY AND CONCENTRIC LOAD RING
RING OUT OF POSITION DUE TO HANGER SHIFT OR TILT

Fig #8

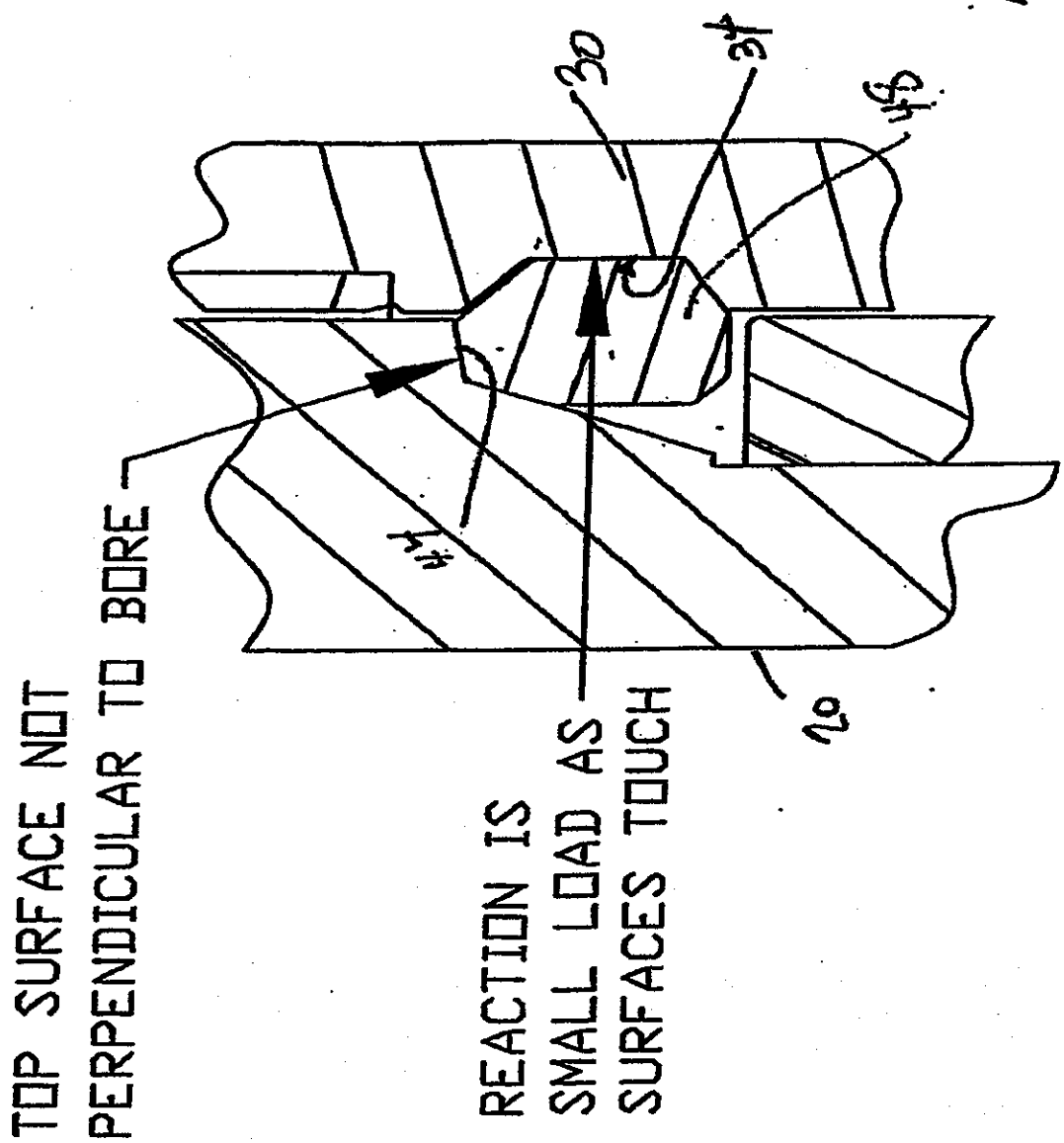

TOP SURFACE NOT
PERPENDICULAR TO BORE
REACTION IS
SMALL LOAD AS
SURFACES TOUCH
44
30
34
46
20

FIG #9

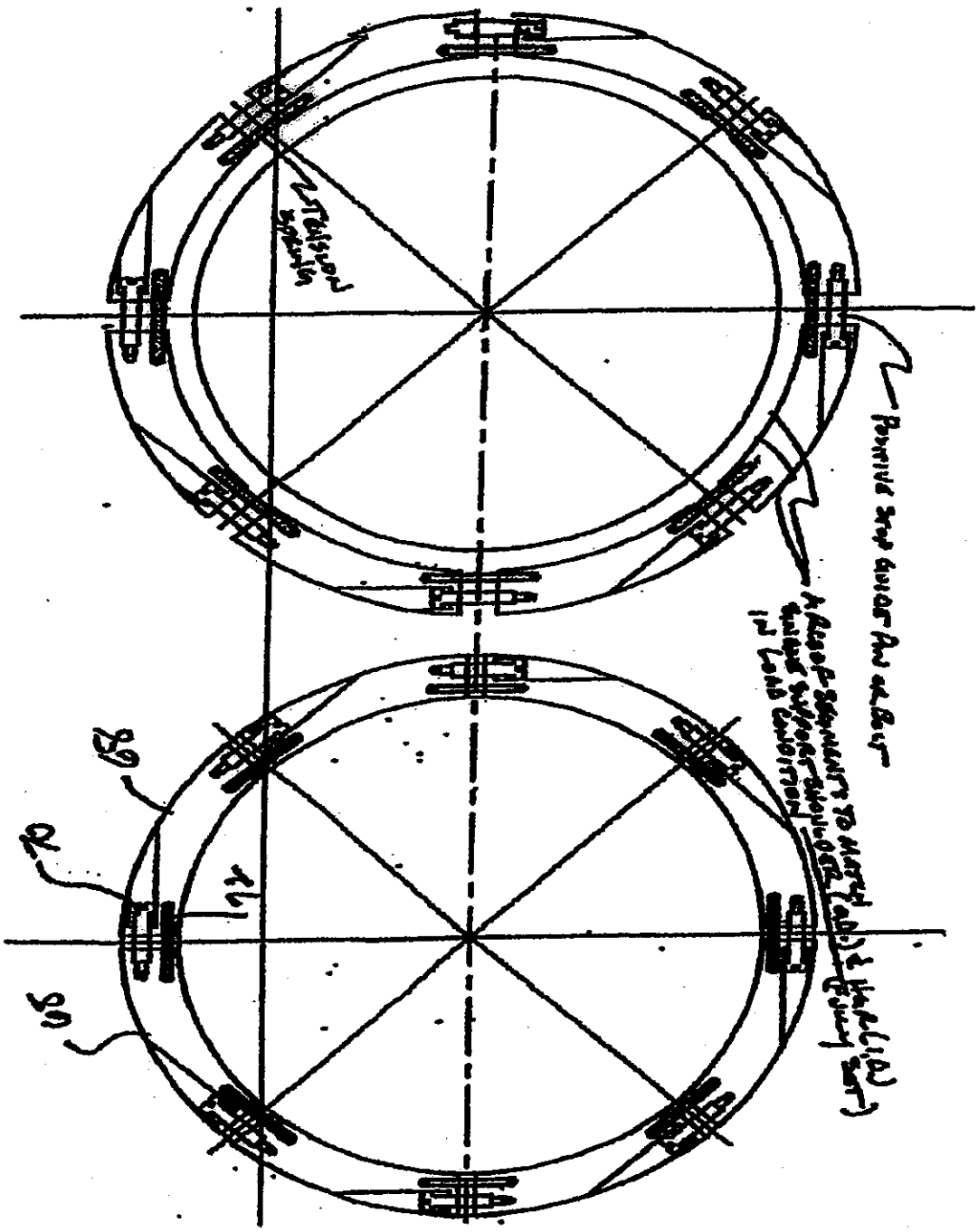


FIG #10a

FIG #10

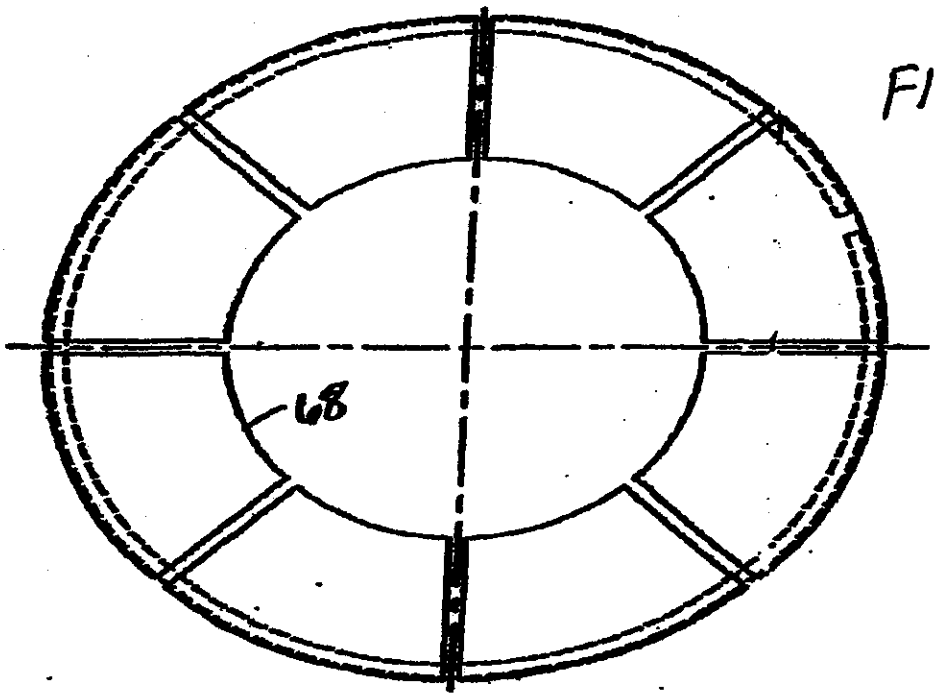


FIG #11

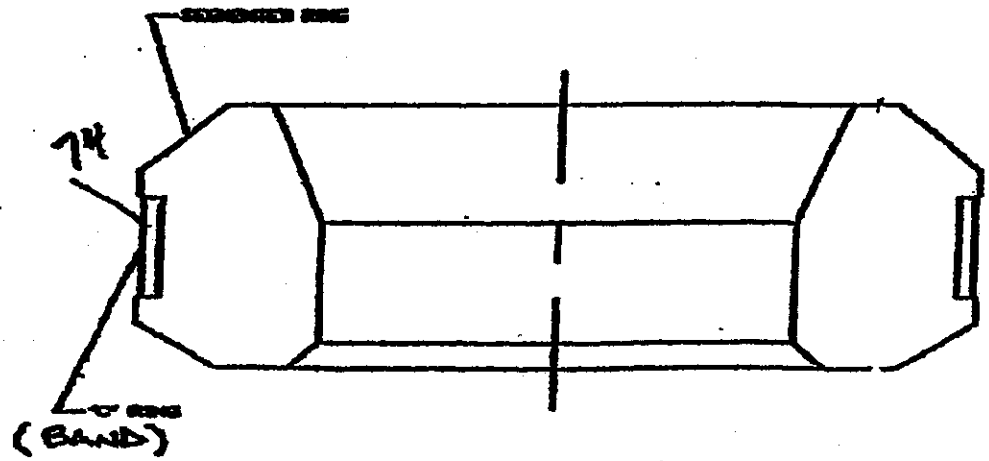
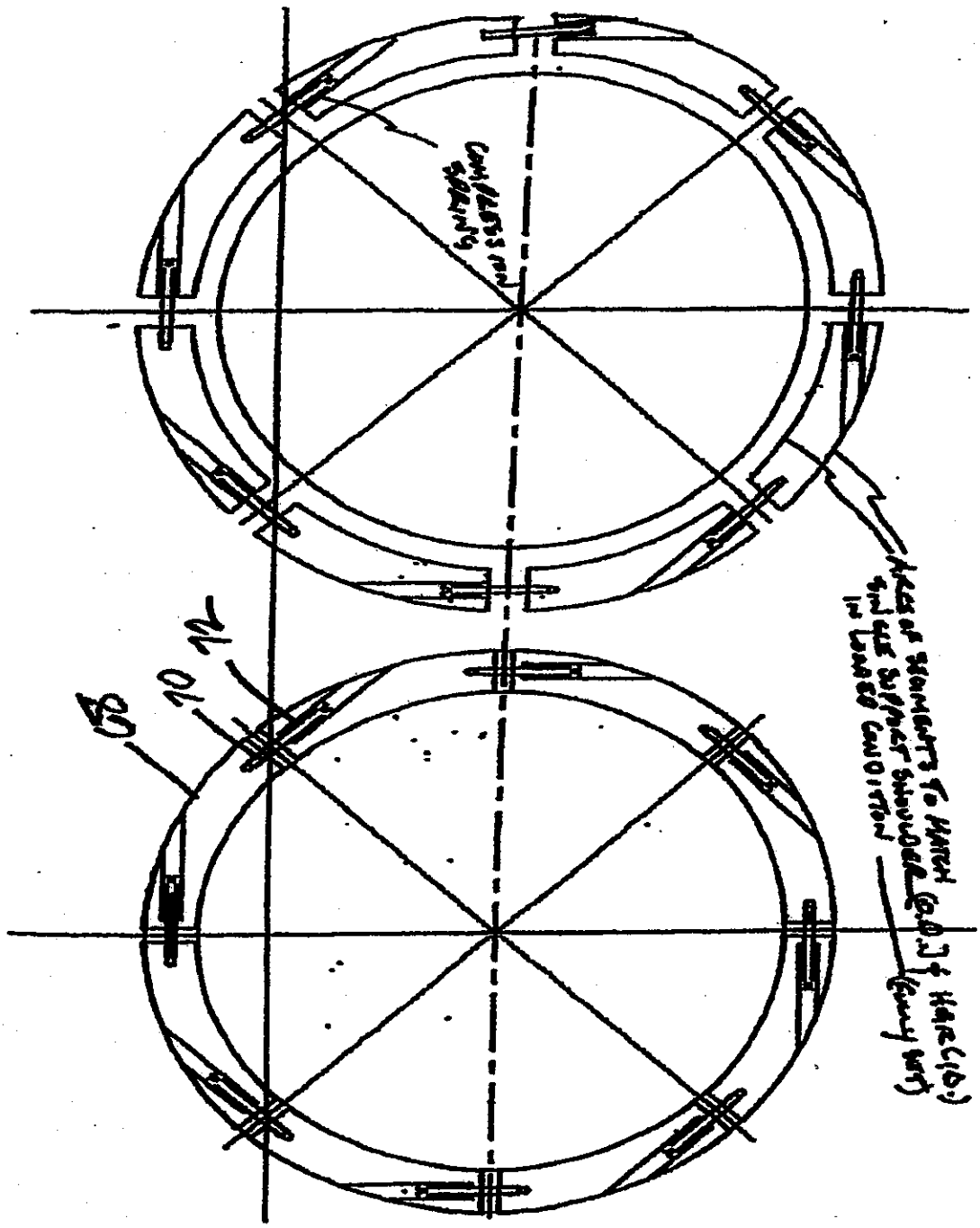


FIG #12

FIG #14

FIG #13


CONFIGURATION
20
12
PLACE OF MOVEMENT TO HOLD [O.D.] OF HOUSING
AND THE SUPPORT SURFACE
IN LOADED CONDITION