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(54) Title of the Invention: **Tubing hanger with shiftable annulus seal**
Abstract Title: **Tubing hanger with shiftable annulus seal**

(57) A tubing hanger assembly with a shiftable annulus seal is provided. The shiftable annulus seal allows for selectively sealing the tubing hanger within a casing hanger, a wellhead, or a tubing head. The tubing hanger assembly also includes a secondary annulus flow path formed through the body of the tubing hanger. The shiftable annulus seal selectively opens/closes a relatively large flow path to the tubing string annulus for circulation of fluid through the tubing string and setting a packer. The secondary annulus flow path facilitates monitoring and bleeding of pressure from the annulus after the shiftable annulus seal is closed.

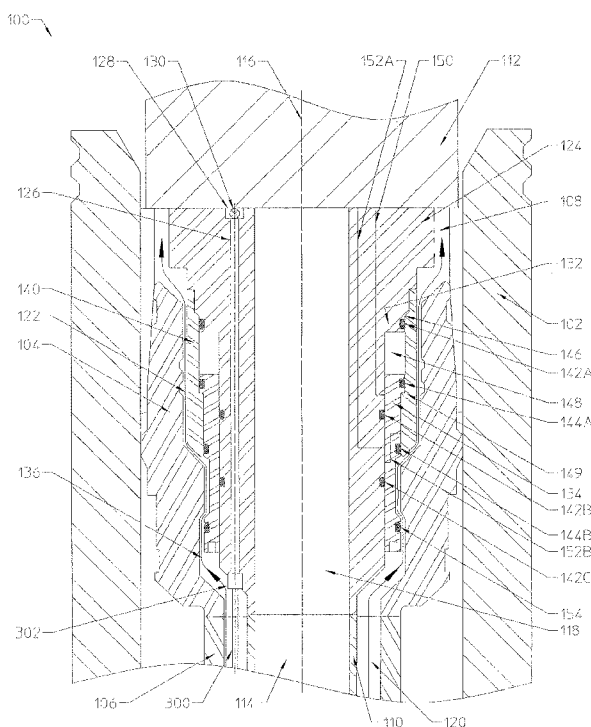


FIGURE 1