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(54) **Spring assemblies with spring energized seal members and related methods**

(57) Seal assemblies in which a seal member (106, 108) having an energizer (162) located in a seal body groove is positioned inside a housing cavity (130) of a housing are disclosed. The sealing member (106, 108) and the energizer (162), which can be an O-ring or a

spring energizer, can be retained inside the housing cavity (130) by positioning a portion of the energizer (162) in a groove in the housing cavity (130) in a locking or latching engagement. Methods of making and using seal assemblies are also disclosed.

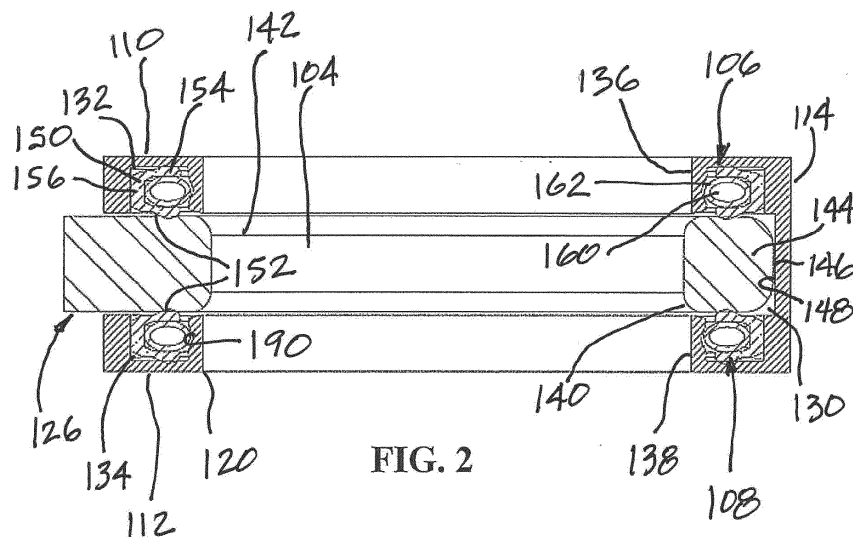


FIG. 2