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(54) Title: CHECK VALVE WITH CONFORMING SEAT

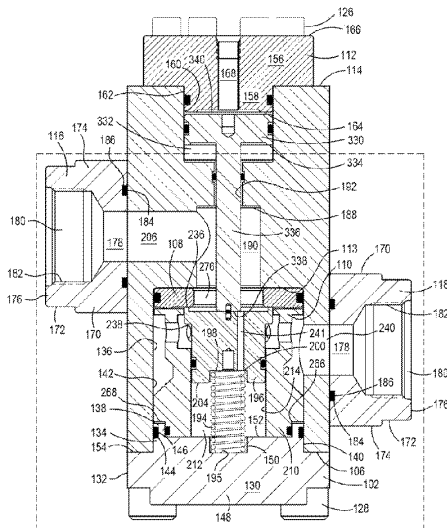


FIG. 4

(57) Abstract: A valve includes a valve body (104) including a first flu-
id, a second fluid port (206, 240), and an interior passage fluidly connect-
ing the first and second fluid ports, a bore extending inwardly of the valve
body and terminating in an annular first seat securement surface (113) ex-
tending around the interior passage, the second fluid port fluidly connected
to the bore, a cage (210) disposed in the bore, the cage having an annular
second seat securement surface and an opposed first annular surface, the
annular second seat securement surface facing the annular first seat secure-
ment surface, a cover (130) extending over the first wall of the valve body
and including a cage engagement surface (152) contacting the first annular
surface, and an annular seat (108) having a main body having an opening
(276) therethrough and comprising a first annular region having a first ele-
vation and a second annular region having a second elevation different than
the first annular region.

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