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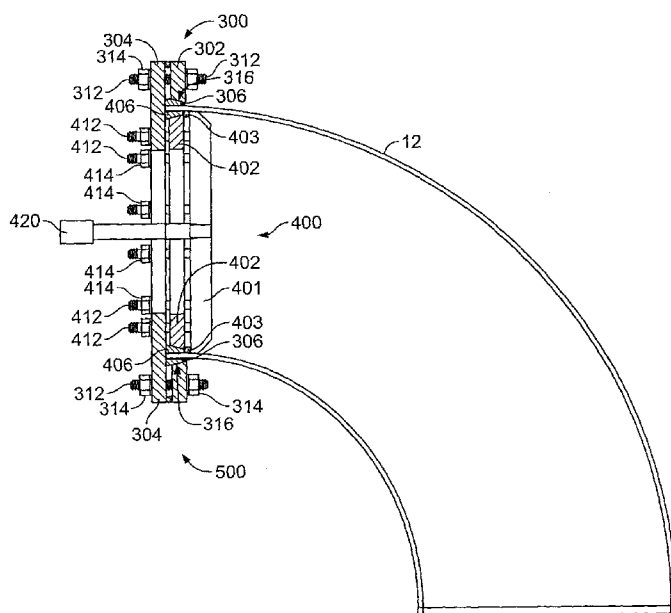


FIG. 24

(57) Abstract: An apparatus for sealing an open end of a pipe includes an external clamp for frictionally being secured to the ex-
terior surface of the pipe and an internal clamp for frictionally being secured to the interior surface of the pipe. The apparatus fur-
ther includes a means for pressurizing the interior of the pipe.