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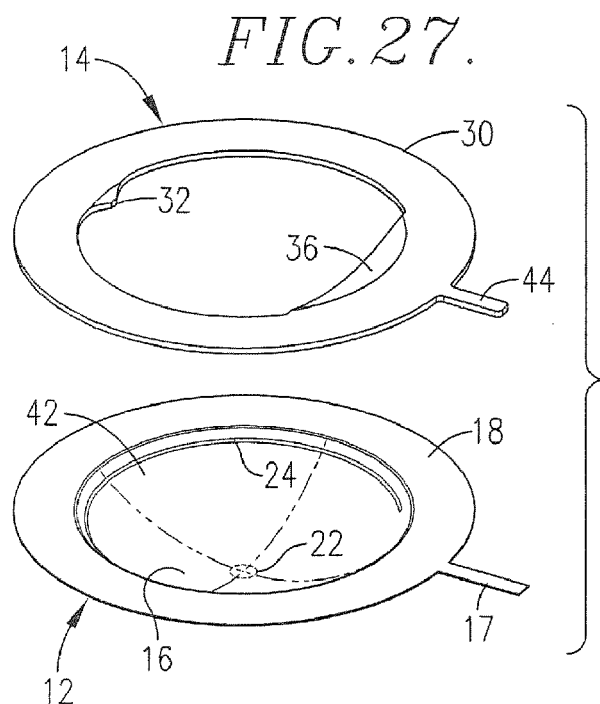
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(54) Title: RUPTURE DISC WITH MACHINED LINE OF OPENING

(57) Abstract: A reverse acting rupture disc and methods
of forming the same are provided. Generally, the rupture
disc comprises a bulged portion and a circumscribing
flange area surrounding the bulged portion. The bulged
portion includes a mechanically formed line-of-opening
recess comprising a singular channel. In certain embod-
iments, the mechanical process by which the recess is
formed utilizes a high-speed mill which removes a por-
tion of metal from the bulged portion of the disc without
disrupting the substantially uniform metallic grain struc-
ture of the metal adjacent the channel.





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