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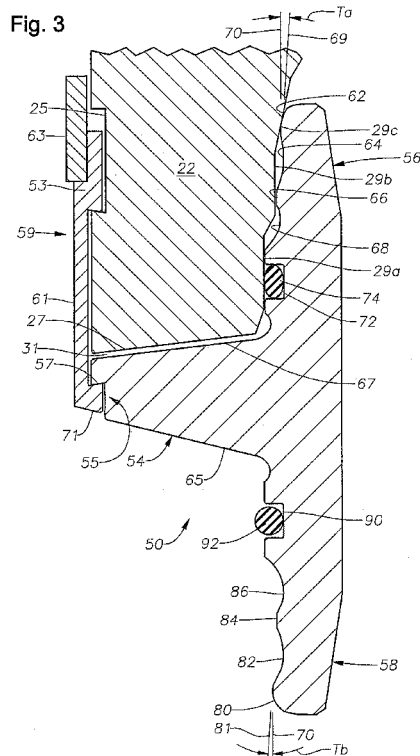
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(54) Title: METAL-TO-METAL SEAL FOR SMOOTH BORE



(57) Abstract: A seal assembly includes a tubular member having a longitudinal axis and a tubular member seal profile. A metal seal ring having a proximal base and a distal end has a seal ring seal profile between the proximal base and distal end that contacts the tubular member seal profile. A distal annular recess is in one of the seal profiles, the distal annular recess being spaced axially from the distal end of the seal ring, defining a seal surface between the distal end of the seal ring and the distal annular recess that engages a seal surface of the tubular member seal profile. The contacting portions of the seal surfaces form a metal-to-metal seal area. A proximal annular recess in one of the seal profiles is spaced axially from the distal annular recess, defining a support area axially spaced from the metal-to-metal seal area.



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