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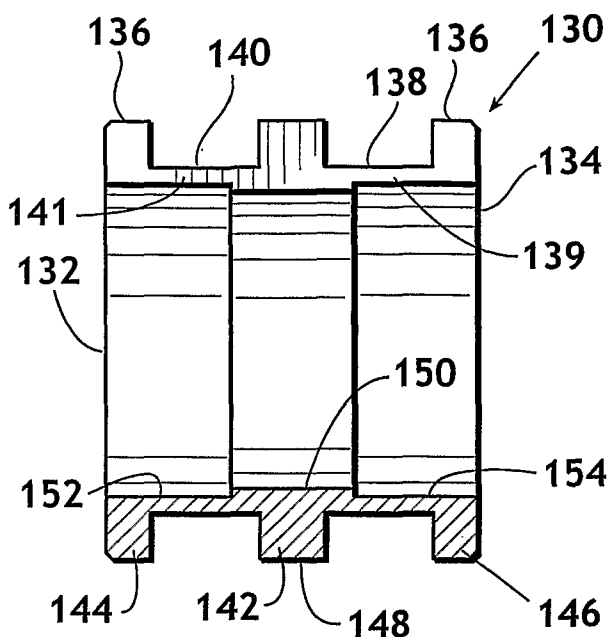
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(54) Title: SLIDING BEARING SUBJECT TO THERMAL EXPANSION



(57) Abstract: A bearing (130) for rotatably support-
ing a cylindrical shaft within a frame cylindrical support
surface in which the shaft is subject to thermal expan-
sion, the bearing (130) being formed of a tubular mem-
ber having opposed ends (132, 134) and having an axial
passageway therethrough, the outer surface (136) of the
bearing member (130) having an external circumferential
rib (144, 146) adjacent each of the ends (132, 134), each
rib having an external diameter that permits the bearing
member (130) to be slideably positionable in the frame
internal cylindrical support surface, the axial passageway
being defined by a central bearing surface (150) of inter-
nal diameter to rotatably receiving the shaft, the bearing
surface (150) having an axial length less than the spacing
between said ribs, the bearing (130) being deformable
within elastic limits permitting the internal diameter of
the bearing surface (150) to expand to accept thermal ex-
pansion of the shaft.

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