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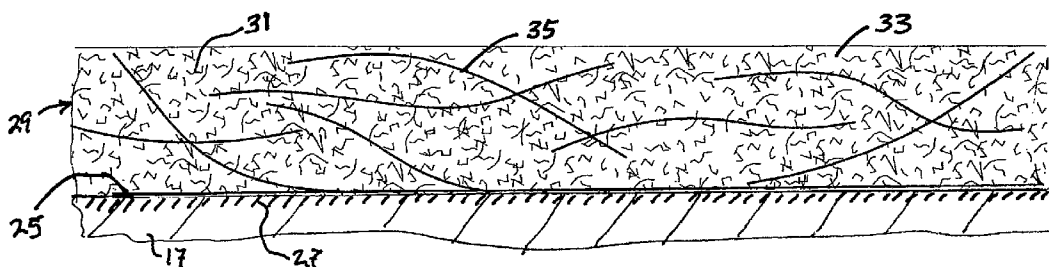
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(54) Title: LOW FRICTION COATINGS FOR LOAD BEARING SURFACES



(57) Abstract: A gate valve has a body, the body having a cavity and a flow passage intersecting the cavity. A seat ring is mounted to the body at the intersection of the flow passage and the cavity, the seat ring having an engaging face. A gate in the cavity has an engaging face that slidably engages the face of the seat ring while being moved between open and closed positions. A polymer coating is on at least one of the faces. The polymer contains a quantity of carbon nanotubes for stiffening.



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