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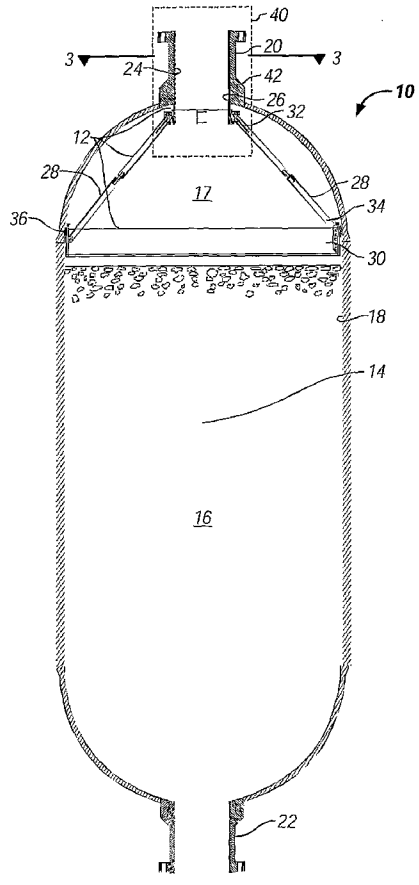
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(54) **Title:** SUPPORT SYSTEM FOR REACTOR VESSEL INTERNALS



(57) **Abstract:** The invention is a support system for use with a reactor vessel that defines a reactor zone and has an inlet manway providing an opening into the reactor zone. The support system comprises a manway insert that is supported by the inlet manway and extends through the opening of the inlet manway and into the reactor zone. Attached to the manway insert is attachment means for connecting a support hanger to the manway insert and for transferring the load from the support hanger to the manway insert. The support hanger has an upper end and a lower end with the upper end being fixedly attached to the attachment means and the lower end being fixedly attached to support structure means for supporting a load.

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