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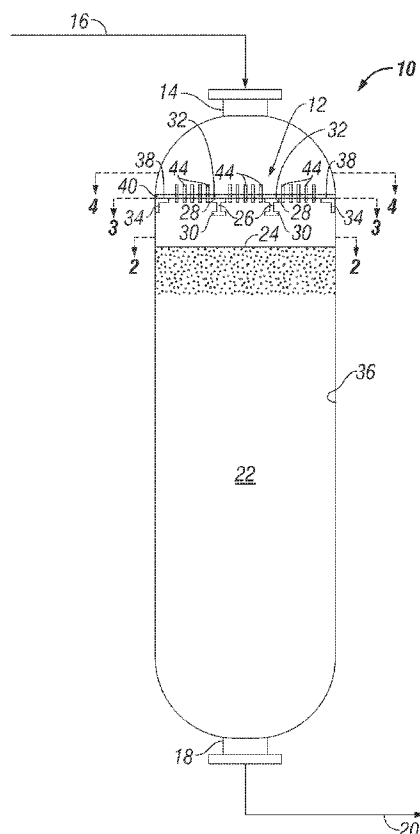
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(54) Title: A FLUID DISTRIBUTION TRAY AND METHOD FOR THE DISTRIBUTION OF A HIGHLY DISPERSED FLUID
ACROSS A BED OF CONTACT MATERIAL



(57) Abstract: A fluid distribution tray that is capable of providing for the distribution of a fluid across a surface area of a bed of contact material contained within a vessel, wherein the fluid distribution tray includes lost area due to a support element upon which the fluid distribution tray is supported within the vessel, wherein the fluid distribution tray includes a plurality of fluid flow means distributed across the fluid distribution tray in a distribution pattern providing for a high density distribution of fluid flow means within a compensation area that is adjacent and near to the lost area and a low density distribution of fluid flow means within the remaining useable area of the fluid distribution tray. Also included is a method providing for a uniform fluid distribution within a vessel.



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