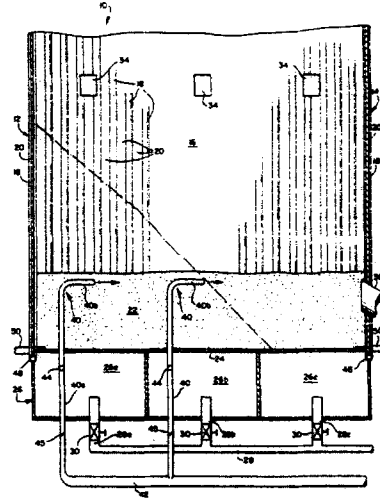


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## FLUIDIZED BED REACTOR UTILIZING ZONAL FLUIDIZATION AND ANTI- MOUNDING AIR DISTRIBUTORS

Robert D Stewart, Robert L Gamble assigned to  
Foster Wheeler Energy Corporation

A fluidized bed reactor in which a grate is disposed in a housing for receiving a single bed of particulate material. The interior of the housing below the grate is divided into a plurality of zones and air is selectively passed through portions of the grate to fluidize corresponding portions of the bed above the zones. A plurality of air distributors are provided in the bed for



reducing the height of the particulate material accumulating in various portions of the bed.

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