

IMPROVED RADIAL FLOW COLUMN

ABSTRACT

Aspects and embodiments of the present invention are directed to apparatus and
5 methods of filtering a fluid to reduce a level of at least one contaminant therein. The
filtering of the fluid may be accomplished with a radial flow filtration column
comprising a fluid chamber having an inlet, an outlet, and a side wall, an inner
permeable retainer positioned in the fluid chamber, an outer permeable retainer
positioned in the fluid chamber spaced apart from and surrounding the inner permeable
10 retainer, a media bed compartment formed between the inner permeable retainer and the
outer permeable retainer, and an adjustable element biased into the media bed
compartment and configured to maintain a predetermined packing density of a media
bed to be disposed within the media bed compartment.

15 FIG. 3