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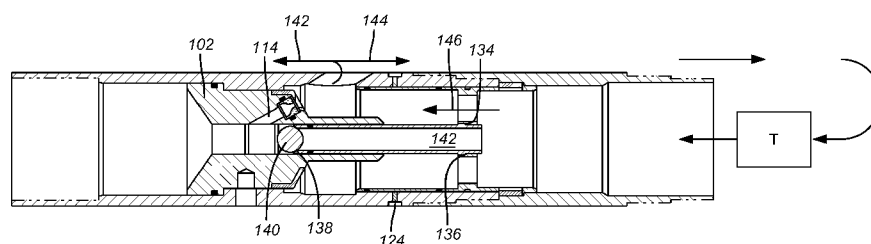


FIG. 4

(57) Abstract: An eductor sub is used as a portion of a downhole debris removal apparatus. It features an eductor outlet port that is selectively closed for run in to allow flow pumped through a tubing string to all go to the lower end of the debris removal tool to fluidize the debris and help prevent the tool from getting stuck on the way to the desired depth. When the desired depth is reached a ball lands on a seat that is connected to a sleeve that is displaced to move the sleeve away from the eductor outlet so that future flow coming down the casing string will create a reduced pressure within the tool to draw some of the exiting flow after the eductor exit in a downhole direction along an annular space to the debris removal tool entrance for debris removal.