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- (54) Title:** NON-RETURN CHECK VALVE AND CHECK VALVE APPARATUS FOR VACUUM SYSTEM

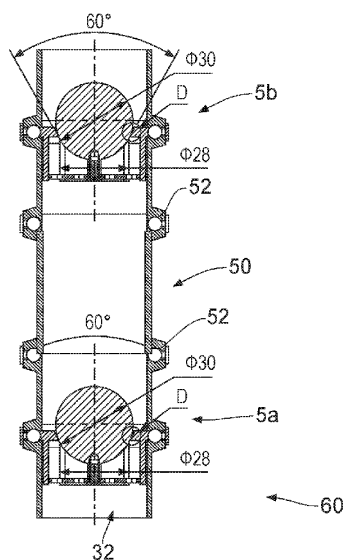


FIG. 4

- (57) **Abstract:** A vacuum system non-return valve comprising: a baffle for extending across a flow path in the vacuum system and a valve member. The baffle comprises an aperture, a perimeter of the aperture comprising a valve seat. The valve member comprises a curved sealing surface configured to mate with the valve seat. The valve member and aperture are configured such that the valve member obscures the aperture and seals with the valve seat to impede a flow of fluid from an outlet end to an inlet end in a closed position and is displaceable in use to move away from the valve seat and allow a fluid flow from the inlet end to the outlet end in an open position; at least a portion of the surface of the baffle surrounding the aperture slopes towards the inlet end of the valve such that the aperture is smaller at the inlet end than it is at the outlet end.

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