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(54) Title: SWELLABLE SCREEN ASSEMBLY WITH INFLOW CONTROL

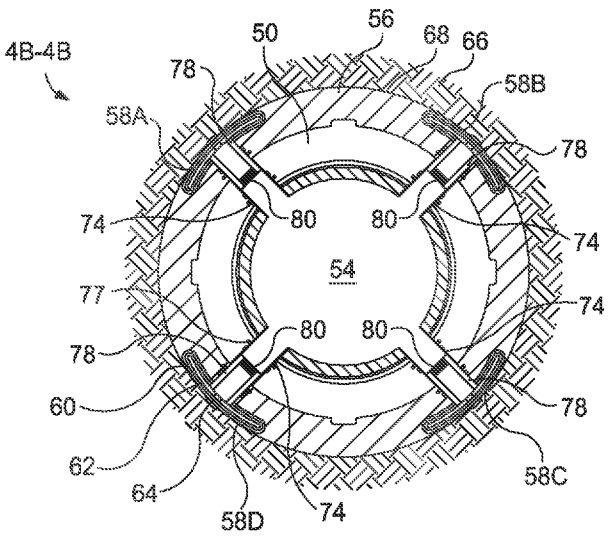


FIG. 4B

(57) Abstract: Disclosed is a swellable screen assembly having inflow control capabilities, One swellable screen assembly includes a base pipe comprising a sidewaii portion defining at least one opening therein, a rigid member disposed about a first portion of the base pipe and having a piston arranged therein. The piston has a telescoping portion movably arranged within a non-telescoping portion. An autonomous valve is arranged within the piston and provides fluid communication between a filter medium disposed about the base pipe and the opening in the base pipe, the filter medium being coupied to the telescoping portion of the piston, A swellable material is disposed about a second portion of the base pipe and the filter medium is disposed about the swellable material, wherein, as the swellable material expands, the filter medium is displaced toward an inner surface of the wellbore, thereby extending the telescoping portion.

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