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(54) Title: WELL SCREEN INFLOW CONTROL DEVICE WITH CHECK VALVE FLOW CONTROLS

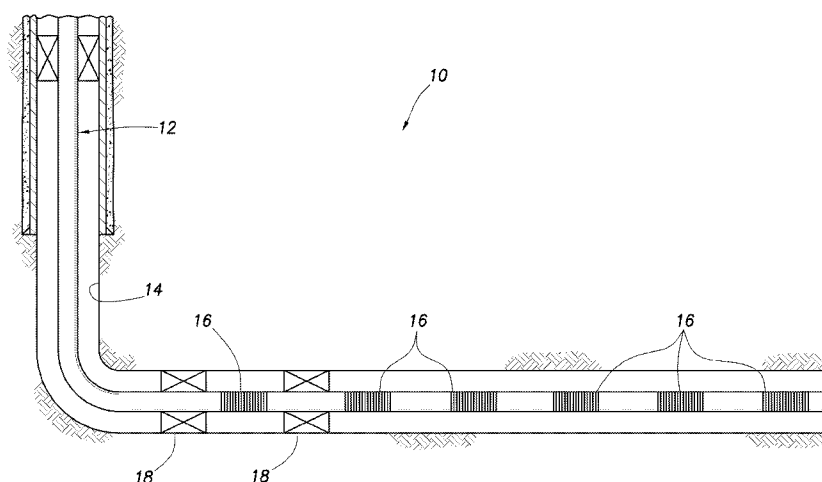


FIG. 1

(57) Abstract: A well screen inflow control device with check valve flow controls. A well screen assembly includes a filter portion and a flow control device which varies a resistance to flow of fluid in response to a change in velocity of the fluid. Another well screen assembly includes a filter portion and a flow resistance device which decreases a resistance to flow of fluid in response to a predetermined stimulus applied from a remote location. Yet another well screen assembly includes a filter portion and a valve including an actuator having a piston which displaces in response to a pressure differential to thereby selectively permit and prevent flow of fluid through the valve.

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