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(54) Title: WELLBORE SCREEN WITH TRACER FOR FLUID DETECTION

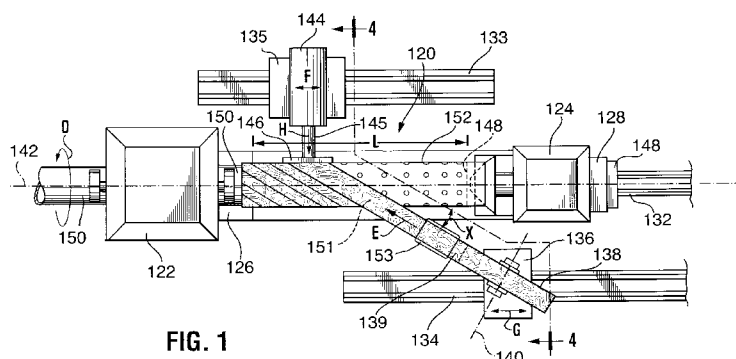


FIG. 1

(57) Abstract: A wellbore screen including: an apertured base pipe; an intermediate filtering layer including a plurality of metal fibers wrapped helically around the apertured base pipe and a fluid tracing filament wrapped helically about the apertured base pipe, the fluid tracing filament including a filament structure and a tracer carried by the filament structure, the tracer being entrainable in produced fluids in a wellbore environment; and an outer apertured shell over the intermediate layer. A method for producing a wellbore screen, the method comprising: forming a filter tube by wrapping an intermediate layer, including a metal wool fiber strip and a fluid tracing filament, about an apertured base pipe in a helical arrangement under tension; positioning the filter tube within the long bore of an outer apertured sleeve; and securing the outer apertured sleeve and the filter tube together.