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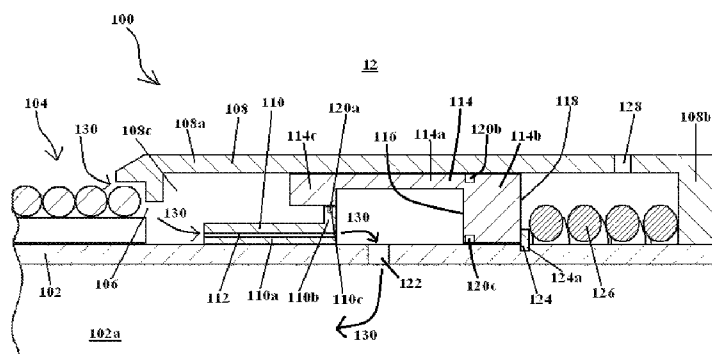


FIGURE 2A

(57) Abstract: A bypass assembly for use in a downhole tool comprises a chamber, a first fluid port in fluid communication with the chamber, a second fluid port in fluid communication with the chamber, a flow restrictor disposed in a first flow path between the first fluid port and the second fluid port, a piston moveable in a first direction by the application of a first fluid pressure, a biasing member, and a restraining member disposed adjacent to the piston. The biasing member biases the piston to move in a second direction opposite the first direction, and the restraining member is actuated by movement of the piston in the first direction in response to a predetermined fluid pressure. Movement of the piston in the second direction to a predetermined position configures the bypass assembly to divert fluid flow around the flow restrictor along a second flow path.