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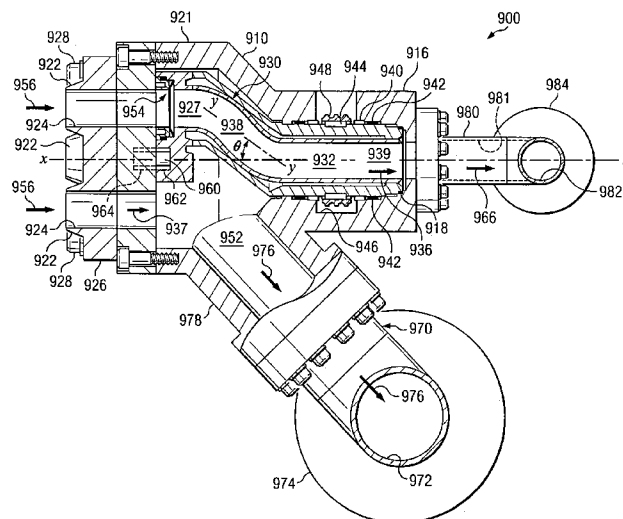
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[Continued on next page]

(54) **Title:** MULTI-PORT FLOW SELECTOR MANIFOLD VALVE AND MANIFOLD SYSTEM



(57) **Abstract:** A multi-port flow selector manifold valve 900 includes a plurality of inlet ports 922 adapted to be coupled to a fluid source 990, a test outlet 980 adapted to communicate with at least one of the plurality of inlet ports, and a production outlet 970 adapted to communicate with at least at least one of the plurality of inlet ports. A flow path is rotatably disposed between the test outlet 980 and the plurality of inlet ports 922 such that the flow path is rotatably alignable with each of the plurality of inlet ports. The flow path includes an inlet flow path 956,937 having a longitudinal direction of flow and adapted to communicate with one of the plurality of inlet ports 922, an outlet flow path 936,966 having a direction of flow substantially parallel to the inlet direction of flow and adapted to communicate with the test outlet 980, and an offset portion 938 disposed between the inlet flow path and the outlet flow path. The offset portion 930 has a direction of flow (y-y) with an angle of less than 90 degrees to the outlet direction of flow (x-x).



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