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(54) Title: FIRE-FIGHTING DEVICE INCLUDING A DISTRIBUTED CONTROL SYSTEM

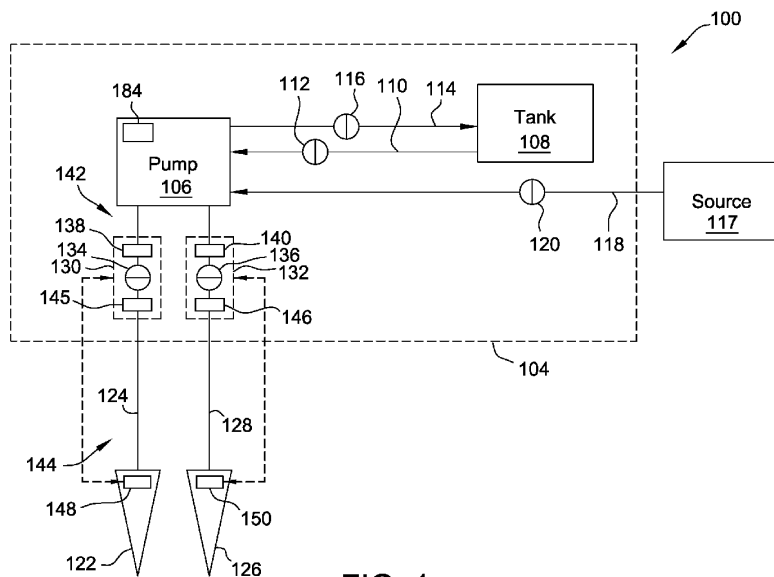


FIG. 1

(57) Abstract: A fire-fighting system includes a pump, a nozzle for directing fluid flow from the pump, a nozzle component including a first transceiver and an indicator, a fluid line connecting the pump to the nozzle, and a discharge valve control assembly. The discharge valve control assembly includes a discharge valve controlling fluid flow between the pump and the nozzle, a pressure sensor coupled to the fluid line between the pump and the discharge valve, and a second transceiver providing communication between the nozzle component and the discharge valve control assembly. The discharge valve control assembly is configured to receive a request to charge a hose section of the fluid line and determine whether to open the discharge valve in response to receiving the request based on a fluid pressure detected by the pressure sensor.

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