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13/687,905 28 November 2012 (28.11.2012) US(71) Applicant: **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 10200 Bellaire Boulevard, Houston, Texas 77072 (US).(72) Inventors: **LINDSAY, Sharlene Dawn**; 25402 Lockspur Dr., Richmond, Texas 77406 (US). **HOWARD, Robert Gordon**; 1500 E. Elk Ave., Duncan, Oklahoma 73533 (US). **JONES, Desmond Wesley**; 206 Ridgecrest, Duncan, Oklahoma 73533 (US).(74) Agents: **CONLEY ROSE, P.C.** et al.; 5601 Granite Parkway, Suite 500, Plano, Texas 75024 (US).

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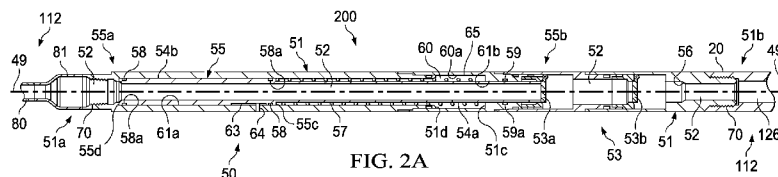


FIG. 2A

(57) Abstract: A wellbore servicing system (100) comprising a work string (112) and a valve tool (200) defining a flowbore (52), wherein the valve tool is transitionable from a first mode to a second mode, from the second mode to a third mode, and from the third mode to a fourth mode, wherein the valve tool transitions from the first mode to the second mode upon an application of pressure to the flowbore of at least a threshold pressure, wherein the valve tool transitions from the second mode to the third mode upon a dissipation of pressure from the flowbore to not more than the threshold pressure, wherein, in the first mode, the valve tool allows fluid communication via the flowbore in a first direction and disallows fluid communication in a second direction, and wherein, in the second, and third modes, the valve tool allows fluid communication in both the first and second directions.