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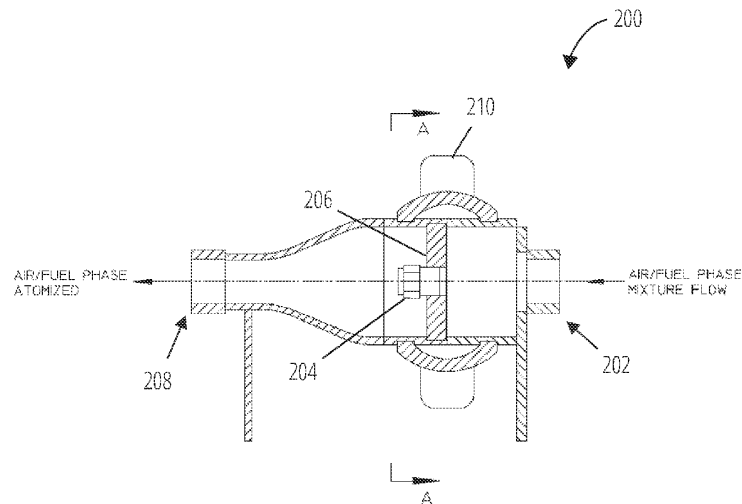


FIG. 2A

(57) Abstract: Emulsion explosives with gas bubbles that are resistant to in-borehole migration or coalescence are disclosed herein. Such emulsions can be sensitized by mechanically introducing gas bubbles into the emulsion. Gassing can be performed at any of multiple points from initial formation of the emulsion to delivery of the emulsion into the borehole. Resistance to gas bubble migration and coalescence can be achieved by homogenization, without the need for bubble stabilization agents.

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