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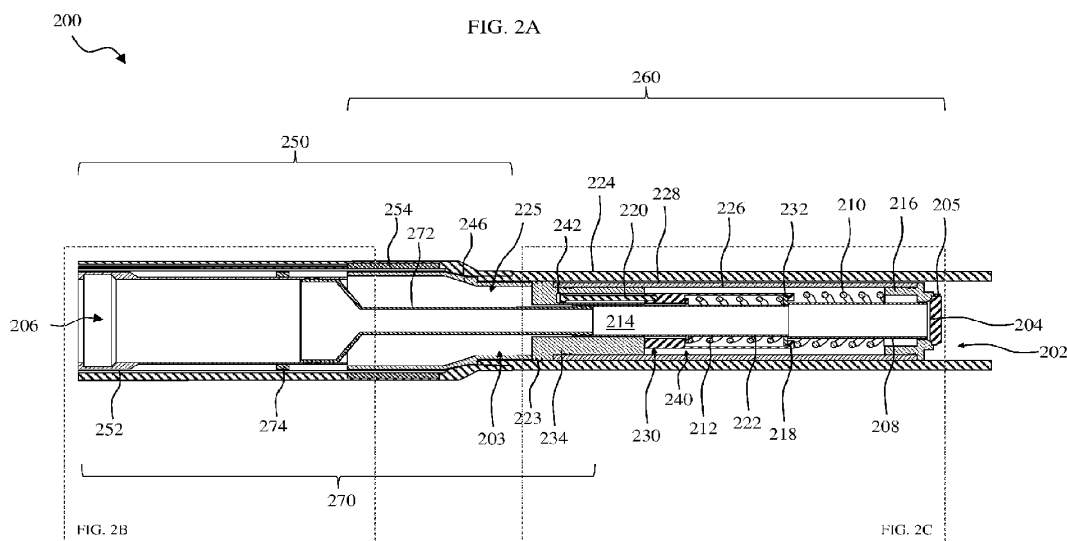
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(54) Title: A SAFETY VALVE EMPLOYING A MAGNETIC FLUX AND FLUX PATH TO ENGAGE WITH A MECHANICAL CONNECTING APPARATUS HAVING ONE OR MORE MAGNETIC TARGETS ASSOCIATED THEREWITH



(57) Abstract: Provided is a safety valve, a well system, and a method. The safety valve, in one aspect, includes a first portion. The safety valve, according to this aspect, further includes a second portion, the second portion including a bore flow management actuator configured to slide from a first initial state to a first subsequent state to move a valve closure mechanism between a first closed state and a first open state. The safety valve, according to this aspect, further includes an axially fixed magnetic target portion and a third portion, the third portion including a mechanical connecting apparatus having one or more magnetic targets associated therewith, the one or more magnetic targets configured to magnetically engage with the axially fixed magnetic target portion via a magnetic flux to axially fix the bore flow management actuator in the first subsequent state.

[Continued on next page]

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