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(54) Title: OIL WELL COMPLETION TOOL HAVING SEVERABLE TUBINGS STRING BARRIER DISC

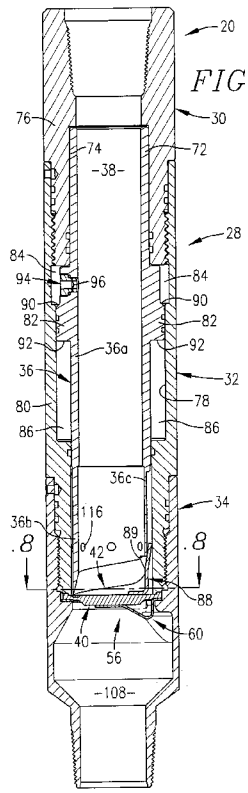


FIG. 2.

(57) Abstract: An oil well completion tool having a tubular assembly defining an elongated main passage is adapted to be connected to a multiple-section tubing string within an oil well casing. A severable plug is mounted in the tubular assembly in normal blocking relationship to the passage. A movable shear cylinder unit has a plug-severing edge operable to sever an entire central segment of the plug from a remaining peripheral portion thereof. Separate hinge structure has an elongated U-shaped leg portion connected to the central segment of the plug. The leg portion of the hinge structure, which undergoes elongation, is operable to retain the severed central segment of the plug in the main passage while allowing the central segment of the plug to bodily shift independent of and in a direction away from the peripheral portion of the plug. The severed central segment is received in a recess therefor in the tubular assembly wall structure in order to prevent interference of the severed central plug segment with the main passage.

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