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(54) Title: TRAVEL JOINT HAVING AN INFINITE SLOT MECHANISM FOR SPACE OUT OPERATIONS IN A WELLBORE

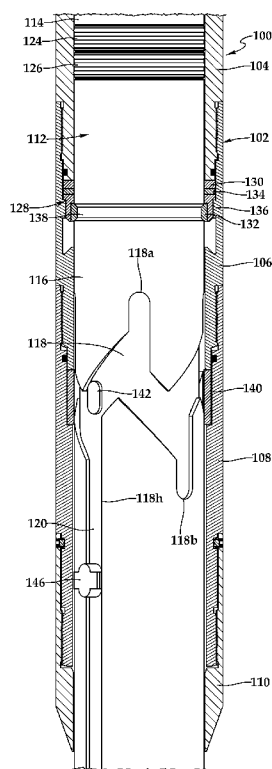


Fig. 4A

(57) Abstract: A travel joint (100) for space out operations in a wellbore. The travel joint (100) includes a generally tubular mandrel assembly (112) and a generally tubular housing assembly (102) slidably disposed about the mandrel assembly (112). The mandrel assembly (112) included an infinite slot (118) and at least one axial slot (120). A lock assembly (128) is positioned between the mandrel assembly (112) and the housing assembly (102). The lock assembly (128) is operable to selectively prevent and allow relative axial movement between the mandrel assembly (112) and the housing assembly (102). A floating lug ring (140) is positioned between the mandrel assembly (112) and the housing assembly (102). The floating lug ring (140) includes at least one lug (142) and is operable to rotate relative to the mandrel assembly (112) and the housing assembly (102) when the lug (142) travels in the infinite slot (118).



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