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(54) Title: REAL-TIME RISK PREDICTION DURING DRILLING OPERATIONS

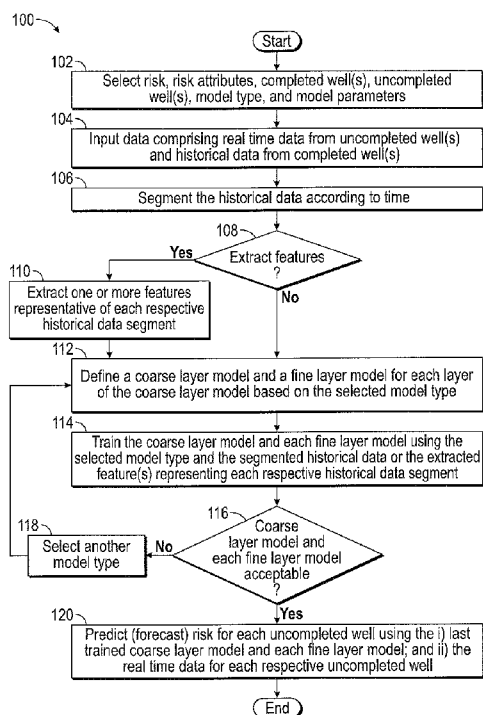


FIG. 1

(57) Abstract: Systems and methods for real-time risk prediction during drilling operations using real-time data from an uncompleted well, a trained coarse layer model and a trained fine layer model for each respective layer of the trained coarse layer model. In addition to using the systems and methods for real-time risk prediction, the systems and methods may also be used to monitor other uncompleted wells and to perform a statistical analysis of the duration of each risk level for the monitored well.