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(71) Applicant: **LANDMARK GRAPHICS CORPORATION** [US/US]; 2107 City West Blvd., Bldg. 2, Houston, TX 77042 (US).(72) Inventors: **DURSUN, Serkan**; 4711 Plymouth Way, Missouri City, TX 77459 (US). **TUNA, Tayfun**; 5900 Elm St. Apt. 506, Houston, TX 77081 (US). **DUMAN, Kaan**; 7600 Kirby Dr. Apt. 1323, Houston, TX 77030 (US).(74) Agent: **JENSEN, William, P.**; Crain, Caton & James, 1401 McKinney Street, Suite 1700, Houston, TX 77010 (US).(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM,

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

(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.

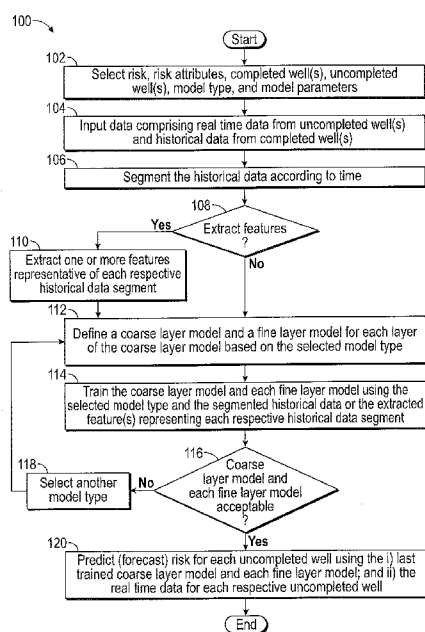


FIG. 1