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## (54) Title: DRILLING ENGINEERING ANALYSIS ROADMAP BUILDER

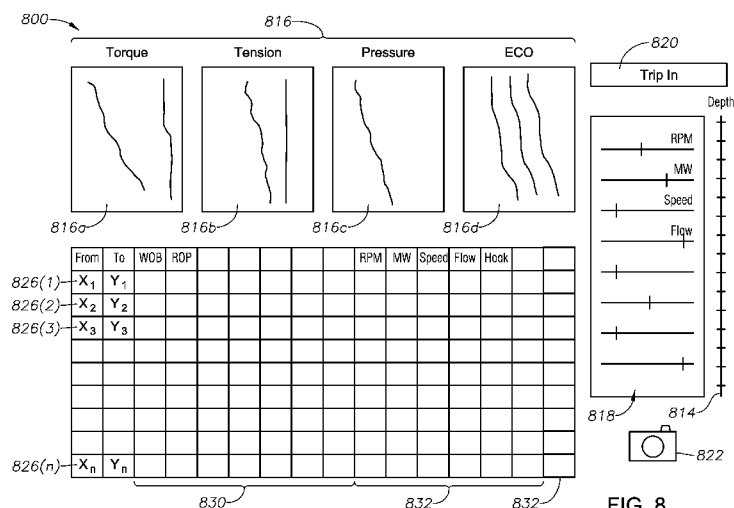


FIG. 8

(57) Abstract: Methods, systems, and computer program products for developing and presenting wellbore pipe string related operation engineering parameter roadmaps in hydrocarbon reservoir modeling are disclosed. A computer-implemented method may include receiving a plurality of depth intervals, associating different computational model calculations with each depth interval, selecting input parameter values for each set of computational model calculations, generating computational model results for each set of computational model calculations associated with each interval to yield a graphical interval plot for the depth interval; and displaying a plurality of graphical interval plots together on a wellbore roadmap. A control list for the roadmap is correspondingly generated and dynamically linked to the wellbore roadmap so that individual entries in the control list are associated with individual interval plots.