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(71) Applicant *(for all designated States except US)*: **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 10200 Bellaire Boulevard, Houston, TX 77072 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **IRANI, Cyrus, A.** [US/US]; 10200 Bellaire Boulevard, Houston, TX 77072 (US).

(74) Agent: **HIGGINS, Sheri, L.**; Sheri Higgins Law, P.L.L.C., 4106 University Boulevard, Dallas, TX 75205 (US).

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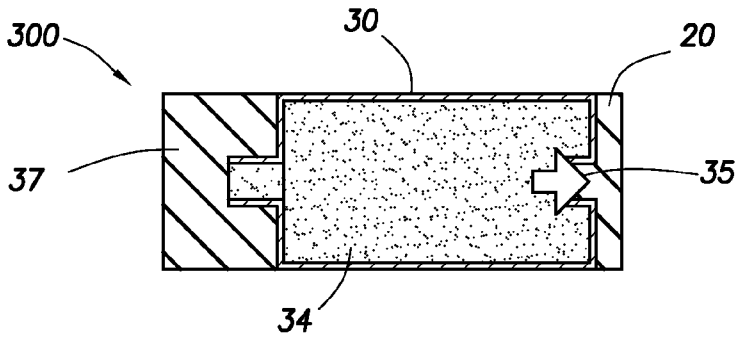
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(54) Title: METHODS OF ANALYZING A RESERVOIR FLUID SAMPLE DURING OR AFTER COLLECTION OF THE SAMPLE USING AN ANALYZER



(57) Abstract: A method of analyzing a fluid sample from a reservoir comprises: collecting the sample in a sample container, wherein the sample container includes a sample receptacle, and wherein the step of collecting comprises allowing or causing the sample to flow into the sample receptacle; determining at least one property of the sample using an analyzer, wherein the analyzer is located at one end of the sample receptacle, wherein the step of determining comprises: (A) contacting the sample with radiated energy; and (B) detecting the interaction between the radiated energy and the sample, wherein the step of determining is performed during the step of collecting and during fluid flow of the sample into the sample receptacle. Another method comprises: transferring the sample from the sample container to a second container, wherein the step of determining is performed after the step of collecting and during fluid flow of the sample.

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