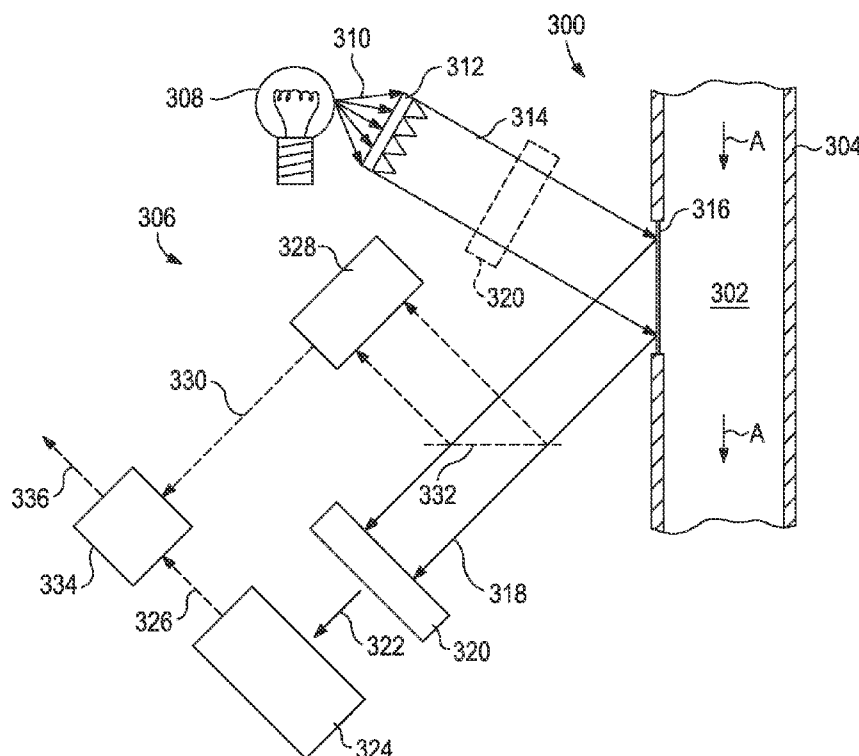




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- (71) Applicant: **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 10200 Bellaire Boulevard, Houston, TX 77072 (US).
- (72) Inventors: **TUNHEIM, Ola**; Eivindsholen 4, Eryne Rogaland 4340 (NO). **FREESE, Robert, P.**; 8115 Highway NC 902, Pittsboro, NC 27312 (US). **MACLENNAN, James, Robert**; 6a Canal St., Aberdeen Grampian AB24 3ET (GB).
- (74) Agents: **KAISER, Iona, N.** et al.; McDermott Will & Emery LLP, 500 North Capital Street, N.W., Washington, DC 20001 (US).
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(54) Title: SYSTEMS AND METHODS FOR MONITORING THE QUALITY OF A FLUID



(57) Abstract: Systems and methods for monitoring a fluid having one or more adulterants therein. One method of monitoring the fluid includes containing the fluid within a flow path, the fluid including at least one adulterant present therein, optically interacting at least one integrated computational element with the fluid, thereby generating optically interacted light, receiving with at least one detector the optically interacted light, and generating with the at least one detector an output signal corresponding to a characteristic of the at least one adulterant in the fluid.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,  
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— *as to the applicant's entitlement to claim the priority of  
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