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(71) Applicant *(for all designated States except US)*: **CAMERON INTERNATIONAL CORPORATION** [US/US]; 1333 West Loop South, Houston, TX 77027 (US).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **SAMS, Gary, W.** [US/US]; 9511 Champions Cove Drive, Spring, TX 77379 (US). **HYPES, Ronald, D.** [US/GB]; 11507 Orchard Mountain Drive, Houston, TX 77059 (US).

(74) Agent: **ROSSLER, Paul, E.**; Gable Gotwals, 100 West 5th Street, 10th Floor, Tulsa, OK 74103-4217 (US).

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(54) **Title**: SYSTEM FOR PROCESSING INTERFACE EMULSION, WATER AND SOLIDS

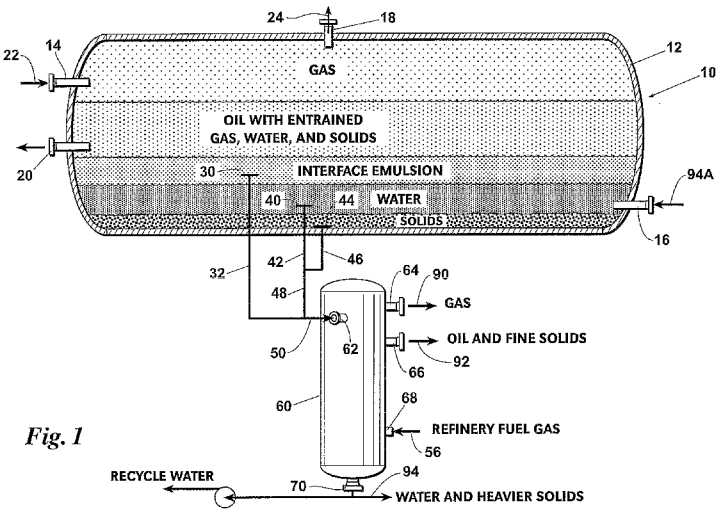


Fig. 1

(57) **Abstract**: A method for processing interface emulsion, water, and solids contained within a separator vessel that comprises the steps of continually extracting those components from the vessel and then passing them through a gas flotation cell. The cell, which is preferably a vertical induced gas flotation cell, separates the oil and water contained in the interface emulsion and discharges recovered oil from an upper portion of the cell and treated water from a bottom portion of the cell. The recovered oil and treated water may be further processed and recycled to the vessel or sent elsewhere. The treated water may also be recycled to the cell or sent to a process sewer. Fuel gas residing in an upper portion of the cell may be cooled and passed through a splitter. All the steps of the method comprise a closed system with no air emissions.

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