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(71) Applicant: UNITED TECHNOLOGIES CORPORATION [US/US]; One Financial Plaza, Hartford, Connecticut 06101 (US).

(72) Inventors: SUCIU, Gabriel L.; 27 Tanglewood Drive, Glastonbury, Connecticut 06033 (US). ALVANOS, Ioannis; 107 Deer Run Road, West Springfield, Massachusetts 01089 (US).

(74) Agent: BARRETT, Todd W.; Carlson, Gaskey & Olds/Pratt & Whitney, c/o CPA Global, P.O. Box 52050, Minneapolis, Minnesota 55402 (US).

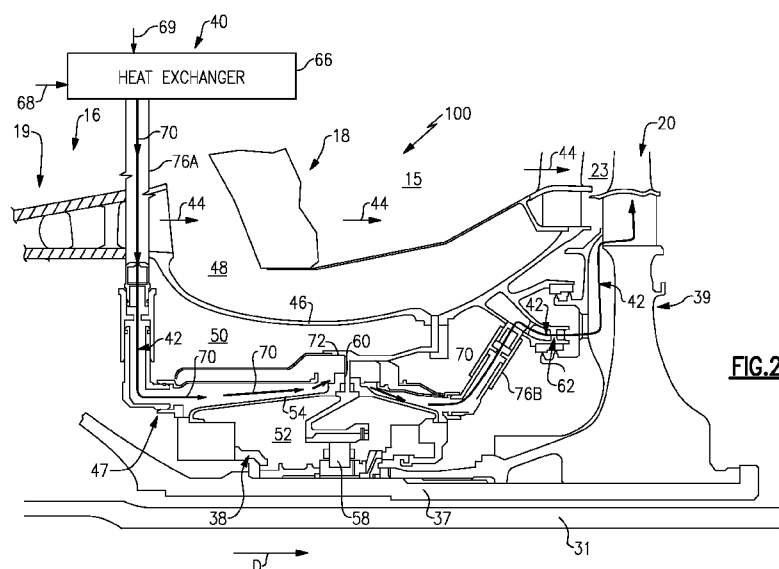
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(54) Title: GAS TURBINE ENGINE BUFFER COOLING SYSTEM



(57) Abstract: A gas turbine engine includes a heat exchanger, a bearing compartment, and a nozzle assembly in fluid communication with the bearing compartment. The heat exchanger exchanges heat with a bleed airflow to provide a conditioned airflow. The bearing compartment is in fluid communication with the heat exchanger. A first passageway communicates the conditioned airflow from the heat exchanger to the bearing compartment. A second passageway communicates the conditioned airflow from the bearing compartment to the nozzle assembly.