

United States Patent

Granted on June 24, 1975 to

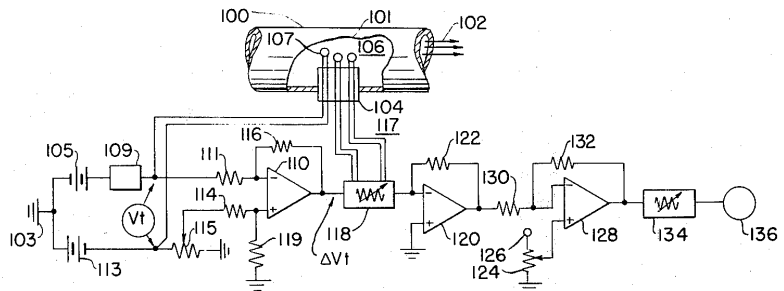
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-INVENTOR-

Patent No. 3,891,391
Phase 1 Instruments, Inc.

FLUID FLOW MEASURING SYSTEM USING IMPROVED TEMPERATURE COMPENSATION APPARATUS AND METHOD

Fluid flow measuring apparatus employing a self-heated thermal element which is compensated for fluid temperature variations is disclosed. The apparatus utilizes electrical circuitry for separating a flow related component from the thermal element signal in order that improved temperature compensation can be applied. A method for tailoring circuitry to perform the signal separation and for accurately temperature compensating the sensitivity of the measuring system to the fluid temperature is also shown.

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The Commissioner of Patents and Trademarks has received an application for a patent for a new and useful invention. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law, Therefore, this

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grants to the person or persons having title to this patent the right to exclude others from making, using or selling the invention throughout the United States of America for the term of seventeen years from the date of this patent, subject to the payment of maintenance fees as provided by law.

Herbert Goldstein

Acting Commissioner of Patents

