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(US). **JOHNSON, Michael, W.** [US/US]; 116 CATLIN AVENUE, Port Allegany, PA 16743 (US).

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(74) Agents: **MCCORMACK, Brian, C.** et al.; BAKER & MCKENZIE LLP, 2001 Ross Ave., Suite 2300, Dallas, TX 75201 (US).

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(71) Applicant (for all designated States except US): **ZIPPO MANUFACTURING COMPANY** [US/US]; 33 BARBOUR STREET, Bradford, PA 16701 (US).

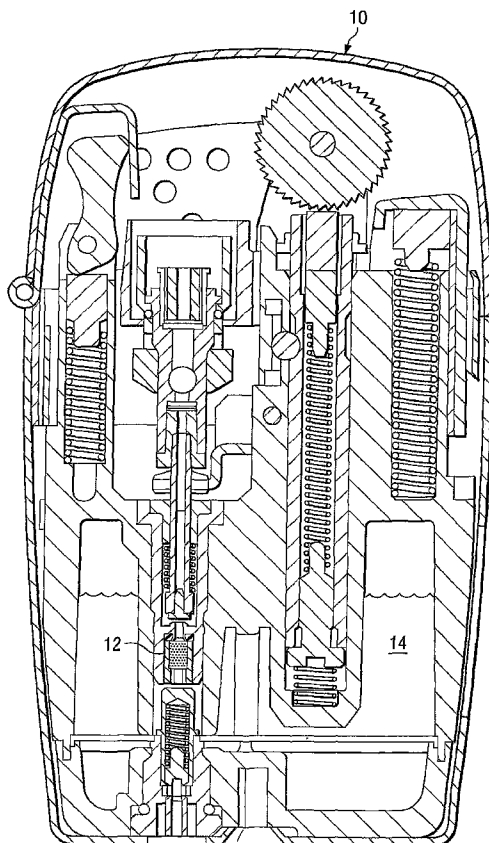
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(72) Inventors; and

(75) Inventors/Applicants (for US only): **MCDONOUGH, James, M.** [US/US]; 7 CEDAR ROCK MEADOWS, East Greenwich, RI 02818 (US). **MEISTER, Ronald, J.** [US/US]; 240 CONGRESS ST., Bradford, PA 16701

[Continued on next page]

(54) Title: LIGHTER DEVICE WITH FLOW RESTRICTOR AND METHODS OF MANUFACTURING AND TESTING SAME



(57) Abstract: A lighter device having a flow restrictor and associated methods for manufacturing and testing such lighter device and flow restrictor are described. The flow restrictor may be formed of a porous member to achieve a substantially fixed or varying flame height. The flow restrictor may be tested before or after assembly into a lighter housing by receiving a non-combustible fluid therethrough. The flow rate of the non-combustible fluid may be correlated to the flow rate of a combustible fluid through the flow restrictor to approximate the resultant flame height of a lighter incorporating the tested flow restrictor. The flow restrictor may also be tested by receiving a combustible fluid therethrough prior to assembling the flow restrictor into the lighter housing. In this manner, flow restrictors and corresponding lighter devices may be tested without introducing combustible fluids into such lighter devices prior to shipment. Also, a vacuum may be drawn on a fuel tank of the lighter prior to shipment.



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