



US Patent No.: 11,312,568

*Date: April 26, 2022*

# MEDIALY STABILIZED LIQUID SURGE SUPPRESSOR

Gary Maurer  
President



*United  
States  
of  
America*



*To Promote the Progress*

*of Science and Useful Arts*

*The Director*

*of the United States Patent and Trademark Office has received  
an application for a patent for a new and useful invention. The title  
and description of the invention are enclosed. 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 United States*

*Patent*

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

*Katherine Kelly Vidal*

DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

*The  
United  
States  
of  
America*



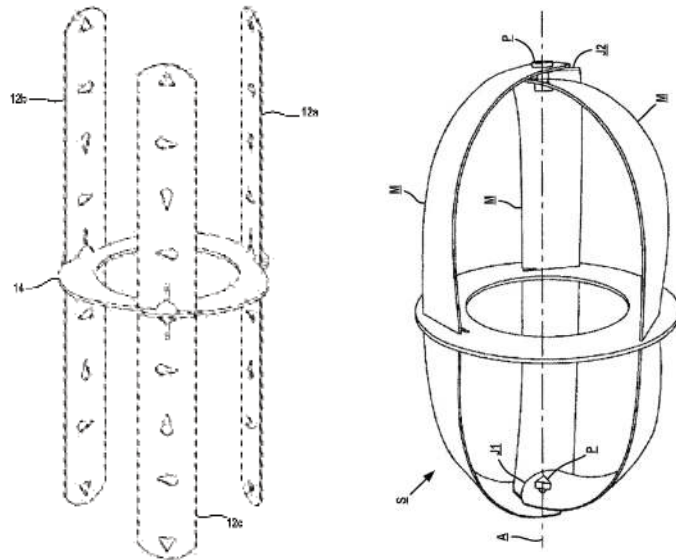
**Liquid**  
SURGE CONTROL, LLC

U.S. Patent No. 11,312,568

*Issued April 26, 2022*

**Gary K. Maurer**  
Liquid Surge Control, LLC  
*Inventor*

**MEDIALY STABILIZED  
LIQUID SURGE SUPPRESSOR**



**ABSTRACT**

A medially stabilized surge suppressor has longitudinal members joined together at opposite ends of the members and a medial disk supporting the members. The longitudinal members are fastened to the medial disks by tabs that pass through elongate slots located in the longitudinal members. The longitudinal members each include a number of flow orifices that enable fluid through the flow orifices as well as between the longitudinal members. The end portions of the longitudinal members are joined at each of first and second junctions by a pin and a washer forming a non-rotatable connection between them.

# Safety Is Our Passion

Surge Busters™



LiquidSurgeControl.com | (866) 787-4360