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Patent Search

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Abstract:

The Spring based Level Maintenance Mechanism for Sailing Vessels is a novel approach to maintain the level of a sailing vessel by utilizing springs. The mechanism is keep the sailing vessel level, providing a comfortable and stable environment for passengers and crew. The system is comprised of a set of springs installed at strateg on the vessel. The springs are calibrated to maintain a predetermined level, and their tension can be adjusted based on the weight distribution of the vessel. The mec simple and easy to operate, requiring minimal maintenance. The system is particularly useful for sailing vessels that experience fluctuations in weight distribution du passenger movements or changes in weather conditions. By maintaining a level position, the mechanism helps prevent seasickness and makes the vessel more comf travel on. The Spring based Level Maintenance Mechanism for Sailing Vessels is an innovative solution that provides a reliable and cost-effective way to maintain the l sailing vessels. The mechanism is easy to install and operate, making it an ideal solution for small and large sailing vessels alike.

Complete Specification

*Title: Spring based Level Maintenance Mechanism for Sailing Vessels *Field of Invention: Marine Engineering.

*Background Art including citations of prior art: There are no

inventions similar to the one presented here in terms of area of application and technical composition.

*Objective of invention (the invention's objectives and advantages, or alternative embodiments of the invention): The objective of this invention is to provide a syste can maintain a level surface on the deck of a sailing vessel, even when the vessel is tilted or heeled due to the wind or waves. This system uses a set of springs and mechanical linkages that can adjust the position of a deck-mounted platform to maintain a constant level, despite changes in the angle of the vessel.

* Summary of Invention:

The Spring based Level Maintenance Mechanism for Sailing Vessels is a novel approach to maintain the level of a sailing vessel by utilizing springs. The mechanism i designed to keep the sailing vessel level, providing a comfortable and stable environment for passengers and crew. The system is comprised of a set of springs insta strategic locations on the vessel. The springs are calibrated to maintain a predetermined level, and their tension can be adjusted based on the weight distribution o

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