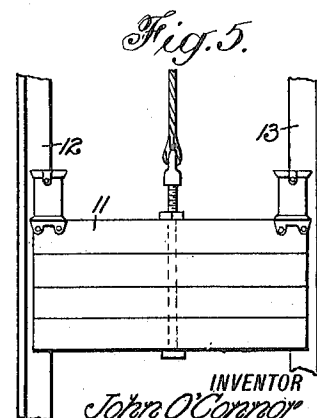
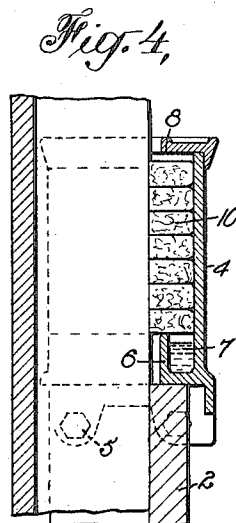
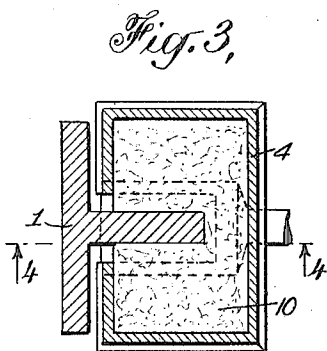
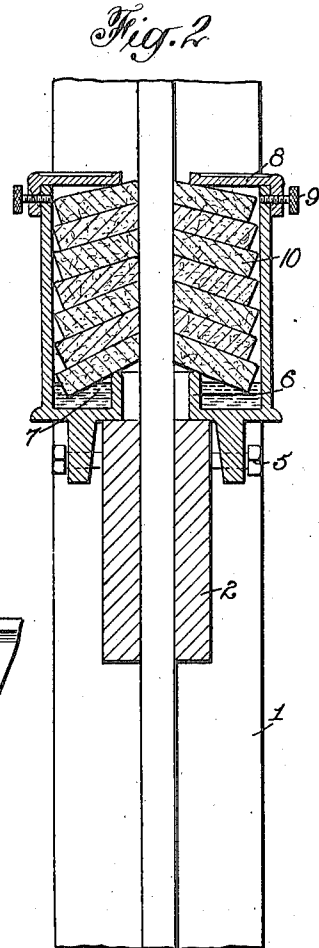
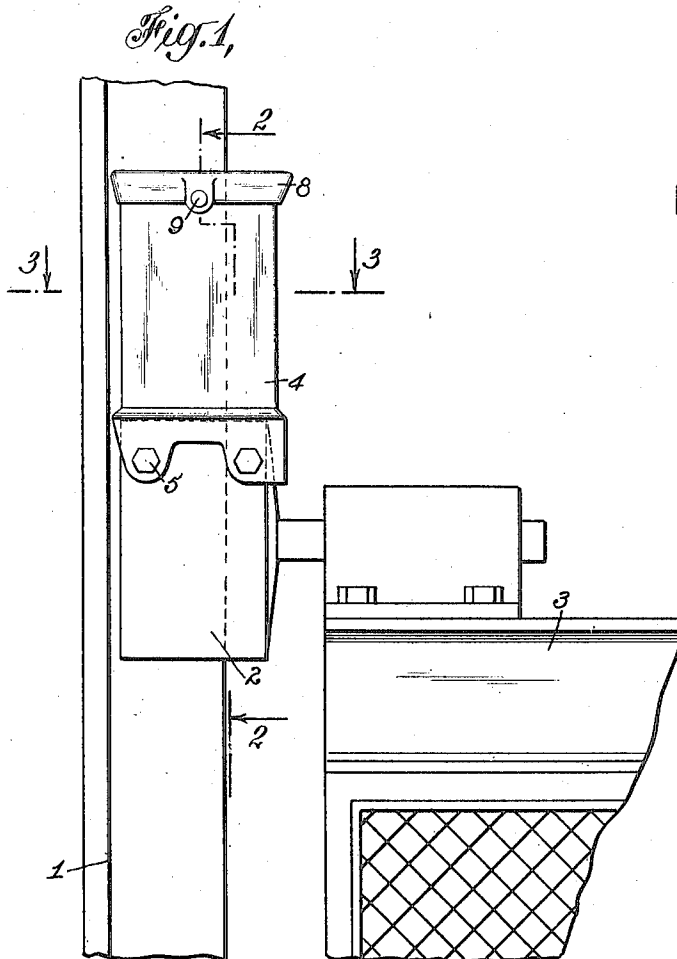


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OILER FOR ELEVATOR AND WEIGHT GUIDE RAILS.
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1,233,902.

Patented July 17, 1917.



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JOHN O'CONNOR, OF NEW YORK, N. Y.

OILER FOR ELEVATOR AND WEIGHT GUIDE-RAILS.

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Specification of Letters Patent.

Patented July 17, 1917.

Application filed November 22, 1916. Serial No. 132,758.

To all whom it may concern:

Be it known that I, JOHN O'CONNOR, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Oiler for Elevator and Weight Guide-Rails, of which the following is a full, clear, and exact description.

10 This invention relates to oiling devices and particularly to oiling devices for the rails of elevators and elevator weights, and has for an object the provision of an improved construction whereby the rail is maintained properly oiled without causing any waste of the oil.

15 Another object in view is to provide an oiling device which may be readily clamped to the elevator and to continually supply oil to the guide rails thereof while taking up any excess oil.

20 A still further object of the invention is to provide an oiling device which comprises a boxing designed to fit over the guide rail of an elevator with a filling therefor which will take up any excess oil from the guide rail while supplying oil from the bottom of the boxing to the rail in case oil is needed.

In the accompanying drawing:

30 Figure 1 is a side view of part of an elevator and guide rail together with an embodiment of the invention shown applied.

35 Fig. 2 is a sectional view through Fig. 1 on line 2—2.

Fig. 3 is a horizontal sectional view through Fig. 1 on line 3—3.

Fig. 4 is a sectional view through Fig. 3 on line 4—4.

40 Fig. 5 is a side view of an elevator weight with an embodiment of the invention applied thereto, the same being shown on a reduced scale.

Referring to the accompanying drawing by numerals, 1 indicates the guide rail of an elevator, said rail being of the usual construction and arranged to engage the guide shoe 2 connected to the elevator 3 in any suitable manner. Clamped to the guide shoe 2 is a boxing or casing 4, the clamping

means being preferably set screws 5. The boxing or casing 4 substantially surrounds the guiding part of the guide rail 1 as shown in Fig. 3 and is provided with an upstanding wall 6 whereby a well 7 is produced designed to contain oil. A suitable cap or cover 8 is held in position by suitable retaining members 9 so that the filling members 10 may be prevented from accidental removal.

60 The filling members 10 are preferably made from felt and are preferably forced into position so as to be more or less compact yet sufficiently yielding to allow a free sliding movement without creating undue friction. The lowermost layer of the felt filling members 10 extends into the well 7 and is supplied with oil therefrom, whereby an ample supply of oil may be carried to the guide rail 1. By the use of the filling 70 10 an excess amount of oil is taken up and is allowed to pass into the well or chamber 7 where it accumulates for further use.

The casing or boxing 4 may be clamped to a weight 11 if desired, as shown in Fig. 75 5, so as to lubricate the guide rails 12 and 13 which hold the weight 11 in proper position.

What I claim is:

1. An oiler for elevator guide rails comprising a casing having a notch in the bottom and top so that the casing may fit over the guide rail, an upstanding wall connected with said bottom and arranged to produce a chamber, a plurality of layers of felt conforming to the shape of the casing arranged in the casing, the lowermost layer extending into said chamber, and means for preventing accidental removal of any of said layers.

90 2. An oiling device for elevator guide rails, comprising a casing having a notch in one side whereby the casing is substantially U-shape in cross section, a plurality of superimposed U-shaped layers arranged in said casing, said layers being all of the same shape, the interior edge of the U-shaped layers contacting with said guide rail, and means for holding the layers in said casing.

JOHN O'CONNOR.