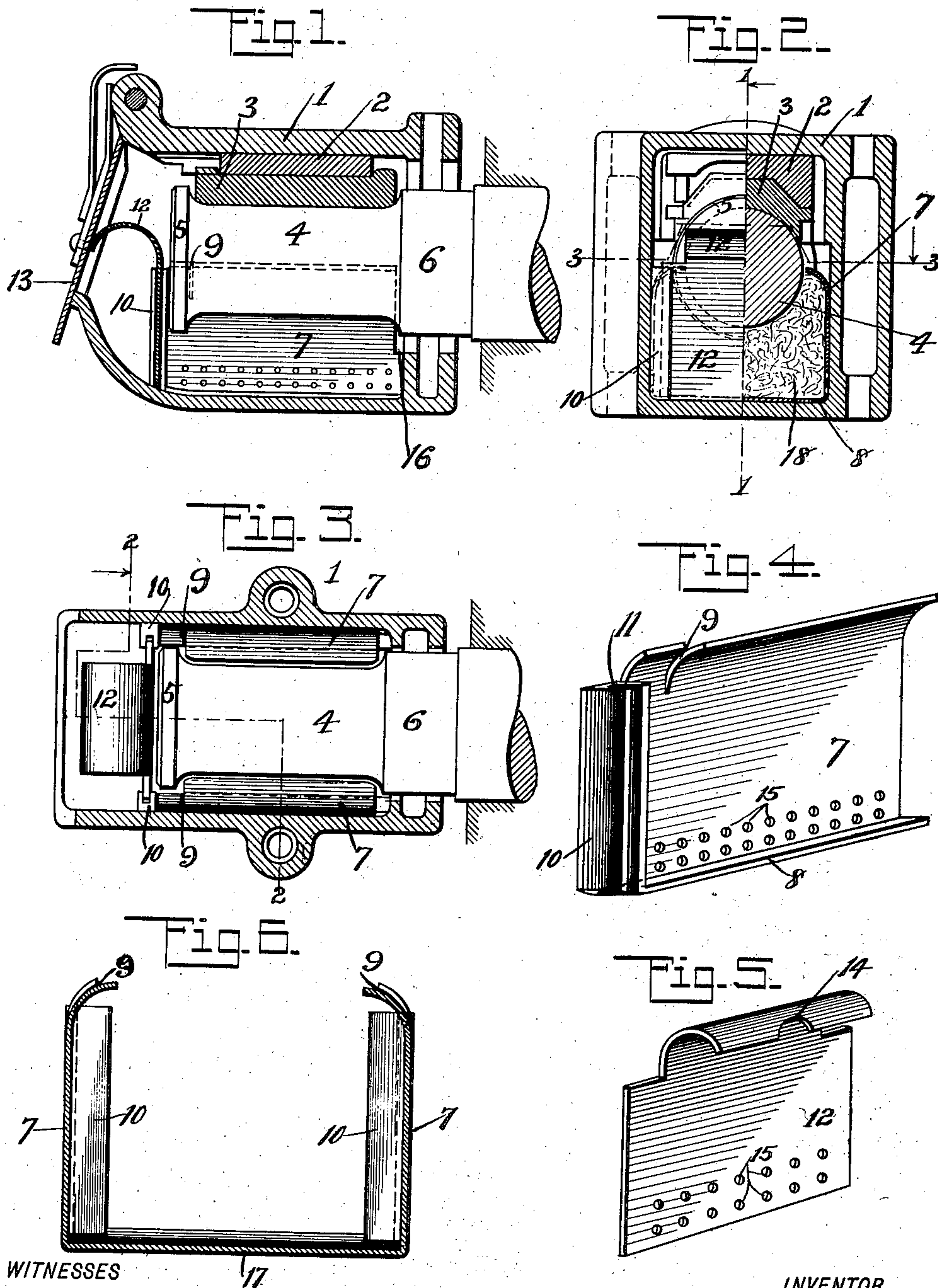


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WASTE SUPPORTING ATTACHMENT FOR JOURNAL BOXES.
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ROBERT A. BILLINGHAM, OF ST. MARYS, PENNSYLVANIA.

WASTE-SUPPORTING ATTACHMENT FOR JOURNAL-BOXES.

No. 922,249.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ROBERT A. BILLINGHAM, a citizen of the United States, and a resident of St. Marys, in the county of Elk and State of Pennsylvania, have invented a new and Improved Waste-Supporting Attachment for Journal-Boxes, of which the following is a full, clear, and exact description.

10 The object of my invention is to provide a waste supporting attachment for journal boxes, which may be used in regulation boxes without making any alterations therein, the waste by my attachment being prevented
15 from working forward and hanging out of the journal-box and thereby preventing the lid from closing, and from piling up in front of the journal-collar and thereby freeing the inner end of the journal from its packing.
20 My attachment also prevents the waste from wrapping around the journal and from getting under the journal brass, and as the waste is held close to the journal under the brass at all times, less waste is required to
25 answer the requirements and the journal is kept lubricated at all times without danger of becoming heated. The attachment also prevents cinders and dust from getting into the packing or waste.

30 Still other objects of the invention will be disclosed in the following complete description of the invention.

In this specification I will describe the preferred form of my invention, but it will be
35 understood that I do not limit myself thereto as I consider myself entitled to all forms and embodiments of the invention which may be held to fall within the scope of the appended claims.

40 Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures, in which—

45 Figure 1 is a sectional elevation on the line 1—1 of Fig. 2, of a journal-box in which my attachment has been introduced; Fig. 2 is a sectional view on the line 2—2 of Fig. 3; Fig. 3 is a sectional view on the line 3—3 of Fig. 2; Fig. 4 is an enlarged perspective view
50 showing one of my side waste retaining members; Fig. 5 is an enlarged perspective view showing my front waste retaining member; and Fig. 6 is a transverse sectional view

showing a modification wherein the side waste retaining members are connected by a horizontal member.

By referring to the drawings, it will be seen that the journal box 1 is constructed in the usual manner, with the wedge 2 and the brass 3 disposed as is familiar to those acquainted with the art, and that a journal 4 with its collar 5 and shoulder 6, is disposed in the journal box.

My side waste retaining members 7 are
65 constructed as is shown in Fig. 4, with an inwardly disposed lug 8 at their bottom and with their upper terminals rolling inwardly with a kerf 9 therein, the kerf being near to the grooved lug 10 which is disposed at the front and is secured to the side members 7.
70 The upper terminals of the side members 7 from the kerf 9 to the rear, are converged so that they will be adapted to lie in close proximity to the journal 4, with the side waste retaining members disposed in the journal
75 box 1 as is shown in Figs. 1, 2 and 3. The upper terminal of the side waste retaining member 7 which is between the kerf 9 and the forward end of the member, is disposed
80 inwardly so that it is adapted to lie in close proximity to the collar 5 on the journal 4. When the side waste retaining members are resting on the bottom of the journal box 1 and are disposed against its inner sides
85 respectively, the grooves 11 in the grooved lugs 10 will be in alinement with each other, to permit the front waste retaining member 12 to slide therein, there being a little play in the grooves 11 to permit the said front waste retaining member to be slid into position as is
90 shown in Fig. 1. The upper terminal of the front waste retaining member 12 is curved outwardly, so that it is adapted to lie against the inner face of the lid 13 of the journal box, there being an indenture 14 in the said upper terminal, with which a projection on the inner side of the lid 13 may engage. There
95 are orifices 15 in the side and front waste retaining members, to permit the lubricant to pass therethrough to the waste disposed therebetween, and if found necessary a portion of the rear of the side waste retaining members 7 may be cut away to prevent them
100 from coming in contact with the shoulder 6 on the journal. The said portions may be cut away leaving surfaces 16, as is shown in Fig. 1. Also, if desired, a transverse mem-

ber 17 may be secured to the side waste retaining members 7 to hold them apart, and in position.

When the side waste retaining members 5 have been placed in position and the waste or packing 18 is introduced therebetween and below the journal 4, the front waste retaining member 12 is slid in the grooves 11 in the grooved lugs 10, which prevents the waste 10 from becoming displaced, and when the lubricant is poured into the journal box, it will pass through the orifices 15 to the waste, which will insure the lubrication of the journal at all times, with the least possible loss of 15 packing.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. In a waste attachment for journal 20 boxes, side waste retaining members which are adapted to be disposed on the inside of a journal box and to lie in close proximity to its inner sides respectively, the upper terminals of the side waste retaining members converging so that they are adapted to lie in 25 close proximity to the journal and to the collar thereon, the side waste retaining members each having a kerf therein to permit this, grooved lugs on the front terminals of 30 the side waste retaining members respectively, a front waste retaining member which is adapted to slide in the grooved lugs, and a lid for the journal box, a portion of the front

waste retaining member diverging and being adapted for resting against the inside of the 35 lid of the journal box.

2. In a waste attachment for journal boxes, a lid for the journal box, a front waste retaining member, and supports therefor, a 40 portion of the front waste retaining member being disposed outwardly so that it is adapted for lying against the lid of the journal box and is adapted for being pressed inwardly thereby.

3. In a waste attachment for journal boxes, 45 side waste retaining members adapted for resting on the inside of a journal box and for lying against its inner sides respectively, the upper terminals of the side waste retaining members converging so that they are adapted 50 ed for lying in close proximity to the journal, grooved lugs on the front terminals of the side waste retaining members respectively, a front waste retaining member which is adapted to slide in the grooved lugs, and a 55 lid for the journal box, a portion of the front waste retaining member diverging and being adapted for resting against the inside of the lid of the journal box.

In testimony whereof I have signed my 60 name to this specification in the presence of two subscribing witnesses.

ROBERT A. BILLINGHAM.

Witnesses:

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