

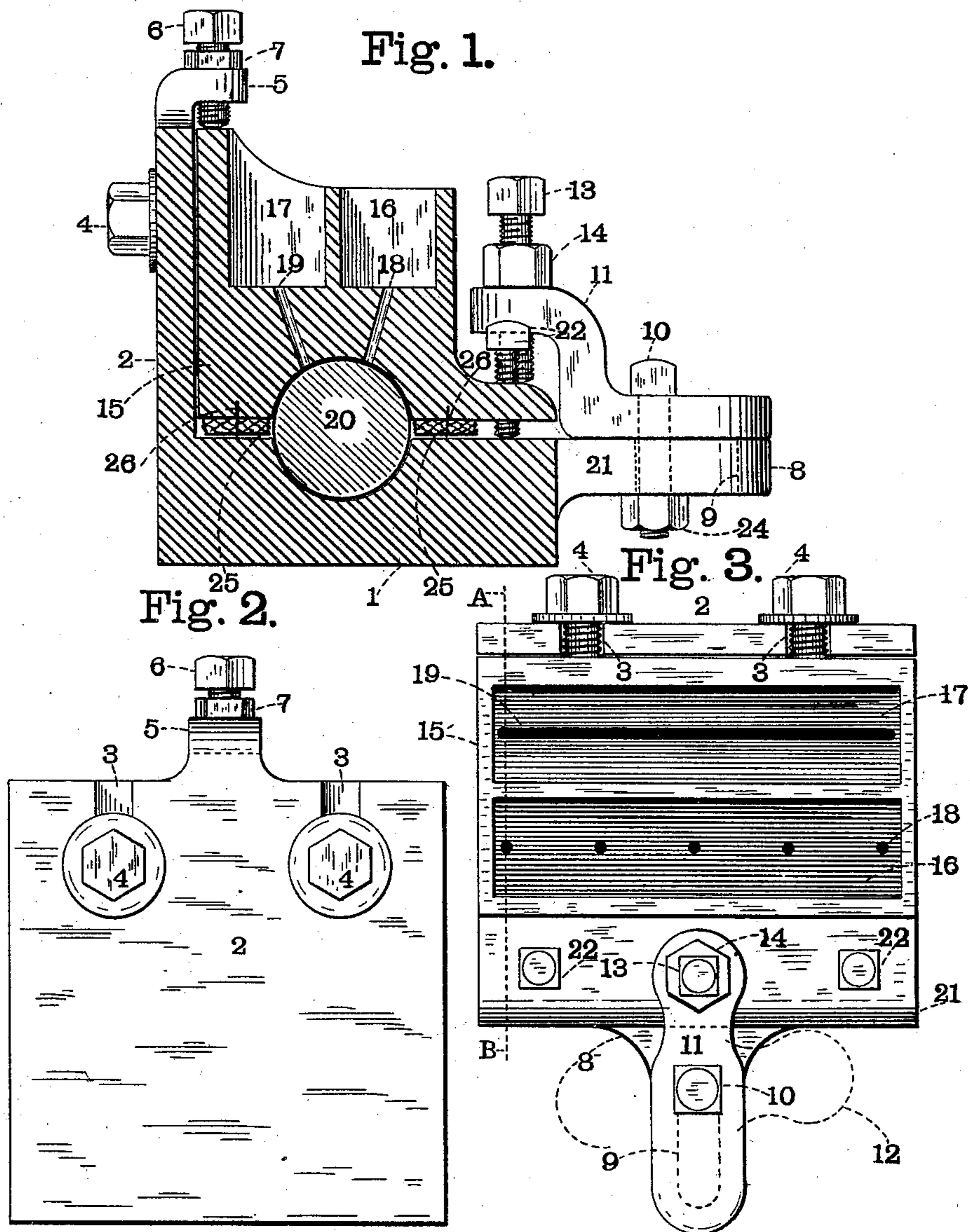
(No Model.)

F. H. CRAFTS.

JOURNAL BOX.

No. 370,729.

Patented Sept. 27, 1887.



Witnesses.

*Walter B. Stearns.*  
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# UNITED STATES PATENT OFFICE.

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OF SAME PLACE.

## JOURNAL-BOX.

SPECIFICATION forming part of Letters Patent No. 370,729, dated September 27, 1887.

Application filed May 10, 1887. Serial No. 237,689. (No model.)

*To all whom it may concern:*

Be it known that I, FRANCIS H. CRAFTS, a citizen of the United States, residing in Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Journal-Boxes, of which the following is a specification.

My invention relates to certain improvements in journal-boxes, whereby they may be easily and quickly adjusted and held rigidly at any point when so adjusted, and whereby the lubricating material may be effectually applied and used with less waste than with ordinary boxes, all of which will be fully and clearly hereinafter described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation in section through line A B, Fig. 3. Fig. 2 is a back view, and Fig. 3 represents a top or plan view.

In said drawings, 1 represents the base or lower portion of the box. It is provided with a vertical plate, 2, forming the back, in which are two slots, 3, through which the bolts 4 pass. At the top of the back portion, 2, is an angular projecting piece, 5, having a set-screw, 6, and a jam-nut, 7.

At the front of the base 1 is a forwardly-projecting piece, 8, having a narrow slot, 9, (shown by dotted lines in Figs. 1 and 3,) adapted to receive the bolt 10. The object of this piece 8, its slot 9, and bolt 10 is to receive and hold the pivoted piece 11, so that it may be readily moved back or turned around out of the way, as shown by the dotted lines 12. This piece 11 is provided with a set-screw, 13, and a jam-nut, 14.

The upper portion of the box 15 is divided into two compartments, 16 and 17. Their object is to hold lubricating material and cotton waste or other equivalent vehicle for receiving the lubricating material, and the object in making the chambers separate is that the chamber 17 is used for tallow and the opposite compartment is adapted for oil and waste, thereby keeping the two lubricants separate.

At the bottom of the chamber 16 is a series of holes, 18, and the chamber 17 is provided with a narrow slot, 19. The holes 18 and slot 19 are passages for conducting the lubricating material to the shaft 20.

At the front of the portion 15 is a forwardly-

projecting portion, 21, provided with two set-screws, 22, and on the under side are two strips of cotton wicking or other similar absorbent, 25, for retaining the lubricating material. They are kept in place to the upper portion of the box by the pins 26, which hold them securely thereto.

It will be seen from this construction that the box may at any time be fitted closely to the shaft 20 without binding it by loosening the bolts 4 and set-screws 22 and allowing it to drop down onto the shaft. It may now be nicely adjusted by means of the bolts 4 and set-screws 22, after which it may be rigidly fixed at such adjustment by means of the set-screw 6, its jam-nut 7, and the set-screw 13 with its jam-nut 14. By this construction the finest adjustment may be made in either direction, up or down.

The upper portion, 15, may be easily removed by loosening the bolts 4, set-screws 6 and 13, and the nut 24, so as to permit the part 11 to be moved back or turned easily on the bolt 10, as shown by the dotted lines 12 in Fig. 3. In this position of the several parts it will be seen that the upper half of the box may be readily taken out or put back in place when required. In some cases the part 5 will not be used. I have therefore left it off Fig. 3.

I claim as my invention—

1. In a journal-box, the combination of the base portion comprising the lower half of the box and upper portion forming the upper half of the box, two chambers adapted to receive different kinds of lubricating material and passages for conducting the same to the shaft, and means for adjusting the upper half, substantially as described.

2. In a journal-box, the combination of the upper and lower portions, bolts for adjusting it, and a pivoted piece, 11, for releasing the upper portion of the box, substantially as described.

3. In a journal-box, the lower half, 1 2, having the angular projecting piece 5, slots 3, and forward-projecting piece 8, in combination with the upper portion, 15, adjusting-screws 6, bolts 4 and 22, and a pivoted bar, 11, provided with bolts 10 and 13, as and for the purposes described.

FRANCIS H. CRAFTS.

Witnesses:

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