

No. 614,005.

Patented Nov. 8, 1898.

W. E. KEELER.  
FOLDING BOX.

(Application filed June 6, 1898.)

(No Model.)

Fig. 1.

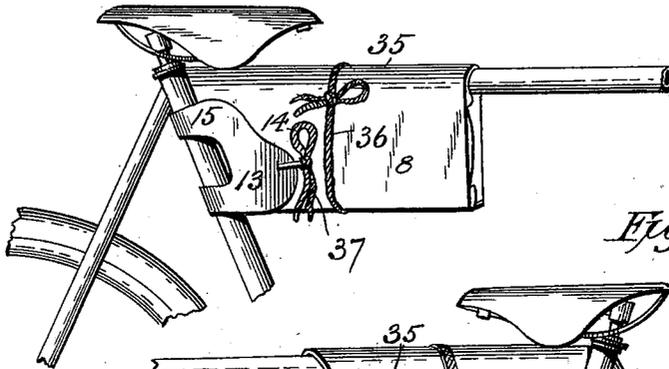


Fig. 2.

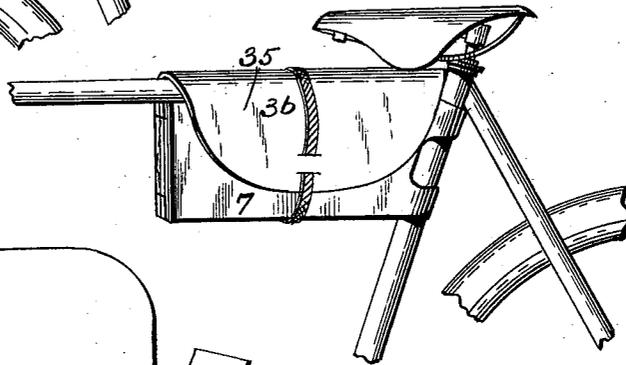


Fig. 3.

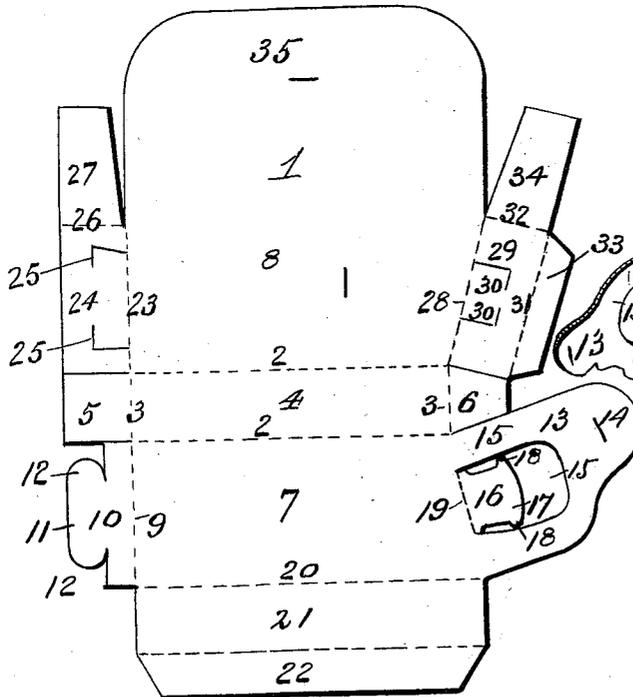
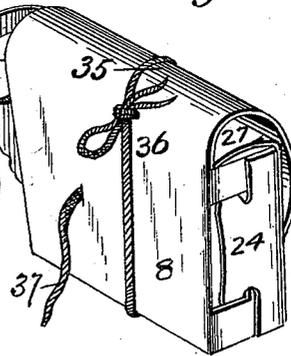


Fig. 4.



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# UNITED STATES PATENT OFFICE.

WALTER E. KEELER, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO EDWARD H. STONE AND JAMES B. FORSYTH, OF SAME PLACE.

## FOLDING BOX.

SPECIFICATION forming part of Letters Patent No. 614,005, dated November 8, 1898.

Application filed June 6, 1898. Serial No. 682,626. (No model.)

*To all whom it may concern:*

Be it known that I, WALTER E. KEELER, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Folding Boxes, of which the following is a specification.

My invention relates to folding paper boxes adapted to be connected with the tubing or frames of bicycles for holding lunches or other material or articles.

The object of the invention is to provide an improved construction of such box whereby it can be readily attached to a bicycle and securely held in place, yet can be easily detached when required.

The invention consists in the novel construction hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is an elevation showing a portion of the frame of a bicycle with my improved box attached thereto. Fig. 2 is a similar view looking from the opposite side. Fig. 3 is a view of the blank before being folded to form the box. Fig. 4 is a perspective view of the box detached from the bicycle.

In the said drawings, referring now to Fig. 3, the numeral 1 designates the blank provided with two parallel creases 2, with a crease 3 near each end of the blank forming the bottom 4 of the box and a rectangular flap 5 at one end and a tapering flap 6 at the opposite end, which flaps when the blank is folded to form the box extend upwardly at right angles to said bottom.

The numerals 7 and 8 designate the sides of the box, the side 7 being provided with a crease 9 at one end and a flap 10, formed with a tongue 11, having rounded ends 12. At the opposite end said side is formed with an extension 13, adapted to be turned around the front or rear tube of a bicycle-frame and secured thereto by a tape or cord 14, as herein-after described. This extension is cut away, as shown at 15, forming a flap 16, provided with a tongue 17, having rounded ends 18. At the junction of the flap 16 with said side is a crease 19, said crease being inclined or at an angle to the crease 9. Said side is also formed with creases 20 and flaps 21 and 22.

The side 8 at one end is provided with a crease 23 and a rectangular flap 24, formed with slits 25, with which the tongue 11 is adapted to engage, and at the upper end is provided with a crease 26 and flap 27. At the opposite end said side is provided with an inclined crease 28 and a flap 29 with slits 30, with which the tongue 17 is adapted to engage. This flap 29 is provided with creases 31 and 32 and end and top flaps 33 and 34. The said side 8 is also formed with an extension 35, provided with a tape or cord 36. A tape or cord 37 is also secured to the side 8.

To form a box from said blank, the flaps 5 and 6 are folded inwardly, so as to occupy a vertical position at right angles to the bottom 4. The side 8 is then folded on one of the creases 2, and the flaps 24, 29, and 33 are then turned inwardly, so as to overlap the flaps 5 and 6. The side 7 is then folded on the other crease 2, the flaps 10 and 16 overlapping the flaps 24 and 29 and the tongues 11 and 17 engaged with the slits 25 and 30, thus securely holding the said sides in place. The flaps 27 and 34 are then turned inwardly and the flaps 21 and 22 folded over the same. The box will now present the appearance shown in Fig. 4, and to attach it to a bicycle the extension 13 is bent or turned around the front or rear tube of the bicycle-frame and secured thereto by tying the tape 14 to the tape 37, secured to the side 8. The extension 35 is then turned or bent around the horizontal tube of the bicycle-frame and secured by tying the ends of tape 36 together. The object of making the creases 19 and 28 inclined is to give that end of the box an inclination corresponding with the inclination of the front or rear tube of the bicycle-frame.

Having thus fully described my invention, what I claim is—

1. As an improved article, a folding box having a flap at one end integral therewith and adapted to be bent around the tube of a bicycle, the top extension adapted to be bent around the horizontal upper tube of a bicycle, and means for fastening said flap and extension, substantially as described.

2. As an improved article, a folding box comprising the side having a top extension and slitted flaps, the bottom, the side formed

with an extension adapted to be bent around a bicycle-tube, and the flaps provided with tongues engaging with the slits of said flaps, substantially as described.

5 3. As an improved article, a blank for a folding box provided with horizontal creases 2, 3, 20, 26, 31 and 32, vertical creases 9 and 23 and inclined creases 19 and 28, flaps 5 and 6, flaps 10 and 16 provided with tongues 11  
10 and 17, flaps 21 and 22, flaps 24 and 29 formed

with slits 25 and 30, flaps 27, 33 and 34, extension 13 and extension 35, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses. 15

WALTER E. KEELER.

Witnesses:

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