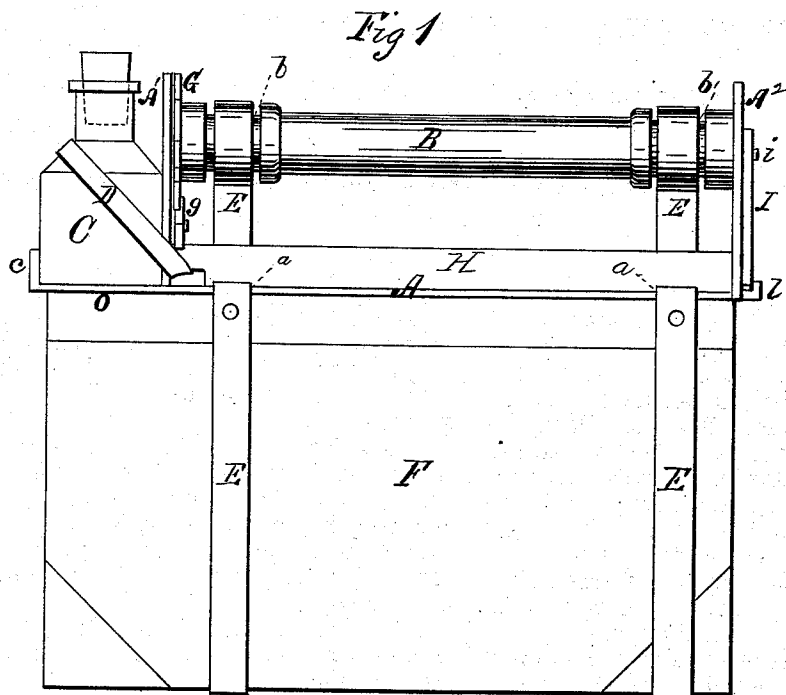


J. W. BEATTY.

Book-Clamps.

No. 156,904.

Patented Nov. 17, 1874.



UNITED STATES PATENT OFFICE.

JOHN W. BEATTY, OF SOUTH OIL CITY, PENNSYLVANIA.

IMPROVEMENT IN BOOK-CLAMPS.

Specification forming part of Letters Patent No. **156,904**, dated November 17, 1874; application filed September 12, 1874.

To all whom it may concern:

Be it known that I, JOHN W. BEATTY, of South Oil City, in the county of Venango and State of Pennsylvania, have invented a new and valuable Improvement in Book, &c., Carrier; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a front view of my book, &c., carrier; Fig. 2 is a sectional view of the same.

This invention has relation to that class of devices which are especially designed for the use of school children, whereby they are enabled to carry in convenient and compact form, to and from school, books, pens, and pencils and other necessities; and the novelty consists in combining with the base-plate and the two uprights of a winding-drum, a receptacle for pens and pencils, a strap for holding books, and a continuous seat for an inkstand, all as will be hereinafter more fully explained.

In the annexed drawings, A designates the base-plate of my improved holder, having erected upon one end a standard, A¹, and upon the other a standard, A², which afford bearings for a winding-drum, B. The standard A¹ is erected at some distance from its end of the base-plate A, the extreme end of which is bent vertically upward, as shown at c, in Fig. 1, thus affording a seat for an inkstand, C, which is prevented from upward displacement by means of an elastic band, D, which is secured in any suitable manner to the lower part of the standard A¹, and is passed over the swell of the said inkstand, as shown at Fig. 1, when in use.

Both ends of the winding-drum are provided with annular depressions b, into which are rigidly secured in any suitable manner leather straps E E', the free ends of which are then passed through slots a in the base-plate A, and are rigidly riveted or stitched to the body of the straps, as shown in Fig. 2.

If the drum B be now caused to rotate in its bearings the slack of both straps will be taken up until a book, F, suspended in them

be firmly brought up against the lower surface of the base-plate, when it will be in a convenient position to be carried to school, the part of the drum between the depressions b serving as a handle, whereby it may be grasped.

When the books or book have been arranged, as above described, in the straps, they are prevented from being released by a casual unrolling of the drum by means of a toothed rack, G, upon one end thereof, into which a pawl, g, pivoted to one of the standards A¹ A², is engaged.

Instead of a leather strap webbing of bright ornamental colors or a strong elastic band may be used.

H designates a box arranged upon the upper surface of the base-plate A, between the standards A¹ A², into which it is intended that pens, pencils, and other like articles shall be placed when it is in use. And for this purpose the standard A² is provided with an opening, closed when desirable by a vibrating door, I, having its pivot at i near the upper end of the said standard, through which such articles may be conveniently placed therein, and prevented from escaping therefrom by causing the door I to be vibrated downward into a position for closing the said opening. The said door is prevented from outward displacement by means of a lip, l, upon the end of the base-plate, which is slightly lengthened for the purpose.

It will be seen from the above description that I have invented an implement combining in a compact and convenient form a book-holder, in which one or more books may be carried, a pencil-box, and an inkstand-holder, which is durable and of such simplicity of construction as to be within the comprehension of any child, however young; also, that I have utilized the winding-drum for the book-straps as a holder, which, being preferably round, may be conveniently grasped by the hand and held without fatigue or cramping.

What I claim as new, and desire to secure by Letters Patent, is—

1. In a book-clamp the combination of the standard A¹, the extension O of the base-plate, the flange C, and the elastic strap or band D, for the purpose of forming a secure

rest and support for an inkstand, C, substantially as specified.

2. The continuous book-strap E at each end of the winch-frame, secured at one end to the base-plate A, looped to receive the book or books F, and then rigidly secured in the grooves *b* of the winding-drum B, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOHN W. BEATTY.

Witnesses:

THOS. M. KIER.

W. B. RALPH.