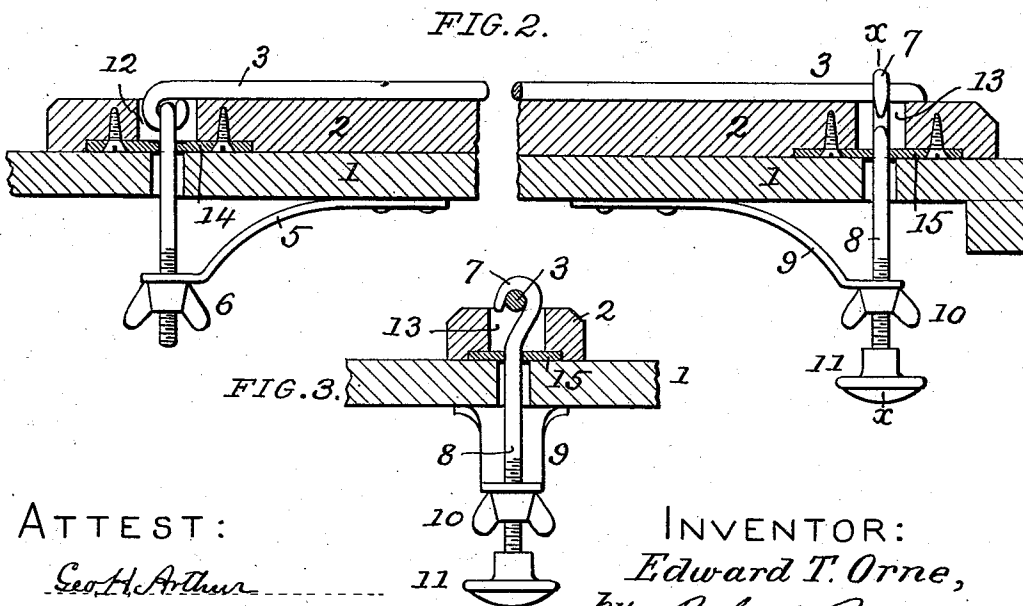
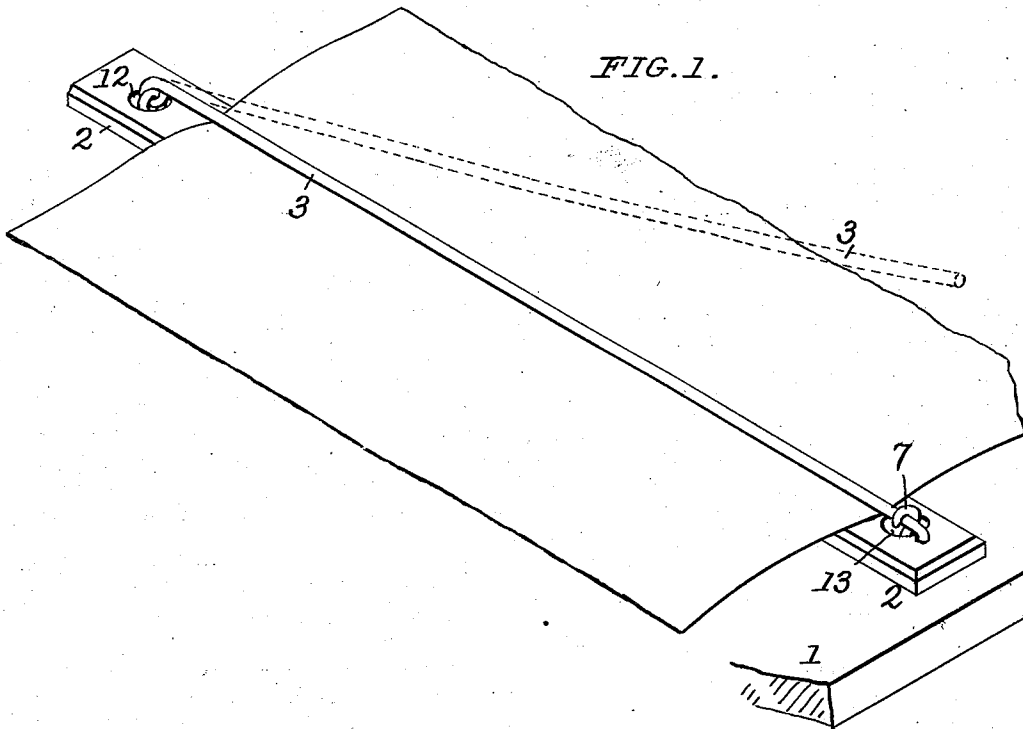


(No Model.)

E. T. ORNE.
NEWSPAPER CLIP.

No. 506,604.

Patented Oct. 10, 1893.



ATTEST:

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Att'y.

UNITED STATES PATENT OFFICE.

EDWARD T. ORNE, OF CHICAGO, ILLINOIS.

NEWSPAPER-CLIP.

SPECIFICATION forming part of Letters Patent No. 506,604, dated October 10, 1893.

Application filed January 6, 1893. Serial No. 457,576. (No model.)

To all whom it may concern:

Be it known that I, EDWARD T. ORNE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Newspaper-Clips; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention relates to that class of newspaper clips in which the newspaper is clipped or held in place on a reading table or stand by means of a confining bar or rod, the ends of which are attached to the table or stand in order to hold the newspaper in proper position, the objects of the present improvements being to provide a simple and effective clip mechanism for such purpose embodying the features of an automatic adjustment to compensate for the filing and holding of any desired number of newspapers; a convenient and ready means for adjusting the tension by which the newspapers are held; and an improved formation of the clip bar or rod by which a uniform holding pressure is exerted along the entire length of the newspaper by such clip rod or bar. I attain such objects by the construction and arrangement of parts illustrated in the accompanying drawings, in which—

Figure 1, is a perspective view illustrating the general arrangement of my improved newspaper clip; Fig. 2, an enlarged detail longitudinal section of the same; and Fig. 3, an enlarged detail transverse section at line $x-x$, Fig. 2.

Similar numerals of reference indicate like parts in the different views.

Referring to the drawings, 1, represents a portion of the top of a reading table or stand; 2, a wooden or other rail secured thereto, and forming a raised rest for the newspaper at the point where the newspaper is clipped. This rail will have beveled or rounded corners as shown, and while its use is preferred for convenience both in filing and examining the papers, it can however, be dispensed with if desired without affecting the principle of the present invention.

3, is a spring rod or bar, extending along the rail 2, so as to form in connection with

the same a spring clip or holder for a newspaper and in the present construction such spring rod or bar is bowed or curved as indicated in dotted lines in Fig. 1, so that when pressed down upon the surface of the newspaper the center of the rod will first contact with the newspaper, a further holding tension on the ends of the rod causing the same to assume a straightened condition so as to bear upon the paper along its whole length in a uniform manner. By this means I overcome the objectionable bowing up at the center of the ordinary holding clips, and the consequent imperfect holding or clipping of the newspaper in place.

At its upper end the spring rod 3 has hinged connection with the upper end of the tension rod 4 that passes down through the rail 2 and table top 1, and which has a downward tendency through the interposed spring 5, the tension whereof is capable of adjustment by the thumb nut 6 on the screw-threaded shank of the tension rod 4. The connection between the upper end of the spring rod 3, and the tension rod 4, may be by means of eyes on the respective parts as shown, or by any other usual hinge connection.

At its lower end the spring rod 3 is detachably engaged by an open hook formation 7 at the upper end of a tension rod 8, that passes down through the rail 2 and table top 1, and which has a downward tendency through the spring 9, the tension whereof is capable of adjustment by means of the thumb nut 10, on the screw-threaded shank of the tension rod 8.

11, is a push button or handle removably secured on the lower end of the tension rod 8, so as to afford a ready means for pushing said rod upward in the operation of opening or closing the clip mechanism.

The springs 5, and 9, may be of any usual form, either spiral, elliptical, or plate form as shown, without departing from the spirit of my present invention.

Suitable recesses 12 and 13 will be provided in the rail 2, to receive and house the hinge-eyes in the one case, and the open hook formation 7 in the other, so that there will be no objectionable projecting clip parts above the rail, and in order to prevent the said eyes or hook formation 7 from descending too far,

the bottom of said recesses is formed with stop plates 14 and 15, against which the eyes and hook formation 7 respectively abut when drawn downwardly by the tension of their springs.

In the practical operation of my improved clip mechanism the clip rod 3 will be released from the holding hook 7, and thrown backward, after which the newspaper is placed in proper position on the rail 2. The clip rod 3 is then brought down over the same and its forward end engaged by the hook formation 7, the tension rod 8, for this purpose being forced upward by its push button 11, the open formation of the hook 7 being such as to admit of a ready engagement of the same over the end of the spring or clip rod 3.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A newspaper clip comprising in combination, a table top a spring clip rod or bar, having a bowed shape, and means for attaching the ends of the spring rod in place, substantially as set forth.

2. In a newspaper clip, the combination of the supporting table top, a clip rod, and means for holding the clip rod at its ends in an elastic manner, substantially as set forth.

3. In a newspaper clip, the combination of the supporting table top, a clip rod, and means for detachably holding the clip rod at its ends in an elastic manner substantially as set forth.

4. In a newspaper clip, the combination with a table top, of the clip rod or bar 3, the

tension rod 4, having hinged connection with one end of the clip rod, the spring 5, the tension rod, 8, having an open hook formation 7, and the spring 9, substantially as set forth.

5. In a newspaper clip, the combination with a table top, of the clip rod or bar 3, the tension rod 4, having hinged connection with one end of the clip rod, the spring 5, the tension rod, 8, having an open hook formation 7, the spring 9, and the thumb nuts 6 and 10, substantially as set forth.

6. In a newspaper clip, the combination with a table top, of the clip rod or bar 3, the tension rod 4, having hinged connection with one end of the clip rod, the spring 5, the tension rod, 8, having an open hook formation 7, the spring 9, and push button 11, substantially as set forth.

7. In a newspaper clip, the combination with a table top, and rail 2, provided with a recess 13, and stop plate 15, of the clip rod or bar 3, hinged at its upper end, the tension rod 8 having an open hook formation 7, and the spring 9, substantially as set forth.

8. In a newspaper clip, the combination with the table top rail 2 provided with recesses 12 and 13, and stop plates 14 and 15, of the clip rod or bar 3, tension rods 4 and 8, springs 5 and 9, and thumb nuts 6 and 10, substantially as set forth.

In testimony whereof witness my hand this 31st day of December, 1892.

EDWARD T. ORNE.

In presence of—

ROBERT BURNS,
GEO. H. ARTHUR.