(No Model.)

C. H. JAEHNIG.

NEWSPAPER FILE.

No. 479,513. Patented July 26, 1892.

Fig. 2,

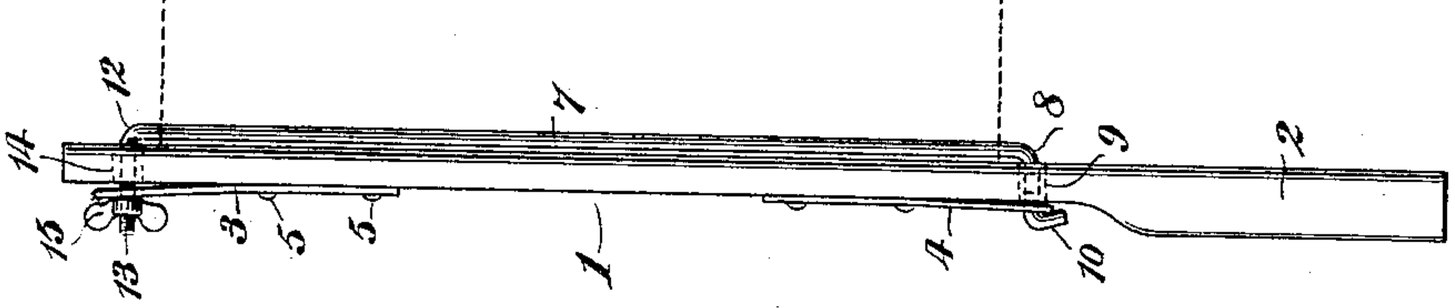
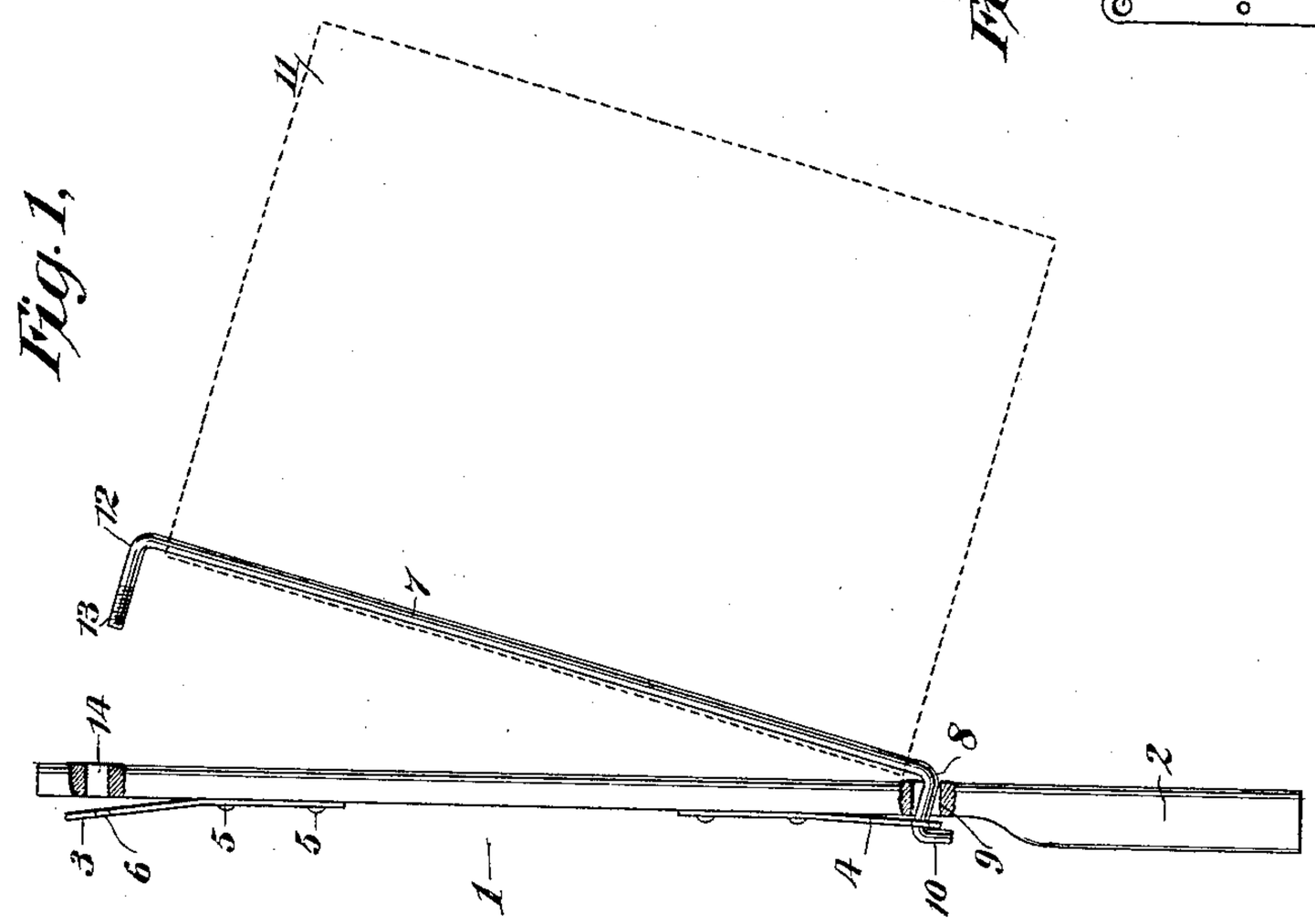


Fig. 3.

Fig. 1,



Witnesses
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H. W. Lloyd.

Inventor
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By his Attorneys
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UNITED STATES PATENT OFFICE.

CHARLES H. JAEHNIG, OF EAGLE PASS, TEXAS.

NEWSPAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 479,513, dated July 26, 1892.

Application filed January 16, 1892. Serial No. 418,232. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. JAEHNIG, a German subject, residing at Eagle Pass, county of Maverick, State of Texas, have invented certain new and useful Improvements in Newspaper-Files, of which the following is such a full, clear, and exact description as will enable any one skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The invention has reference more particularly to manually-portable files in which the papers after being folded in the usual manner are secured in order for preservation and reference.

The file is adapted and designed to be laid upon a table or placed in the usual rack or suspended by a hook, and being comparatively light and easily handled it may be held in one hand by means of its handle at the base while perusing the paper.

The invention consists in the certain novel and peculiar arrangements and combinations of the various parts of the device, all as hereinafter fully described, and then pointed out in the claim.

In the accompanying drawings, illustrating my invention, Figure 1 is a side view of my improved file shown as open to receive a paper or for its removal therefrom, the paper being indicated in broken lines and parts of the standard being broken away. Fig. 2 is a similar view of the file closed, the paper being likewise indicated in dotted lines. Fig. 3 is a broadside view of one of the attaching springs detached.

Referring to the drawings, in which like numbers of reference indicate like parts, 1 designates a suitably-shaped standard or back piece, which may be made of any suitable material, such as wood, and which is provided at its lower end with a convenient handle 2, by means of which the file may be held in one hand while reading the filed papers or turning over the leaves thereof. Upon one side of the standard or back piece 1 are mounted two springs 3 4, located one at or near each end of the main part of the standard. These springs consist, preferably, in strips or plates of metal attached by fasteners or screws 5 5 to the standard and having their free ends formed with an eye or perforation 6, adapted to receive the extended ends of the binder-rod 7. These two springs may, if preferred, be formed by the ends of a single strip of metal secured along the back of the standard; but the form shown is equally as serviceable.

The binder-rod or retaining-tongue 7 is disposed upon the side of the standard opposite that upon which the springs are located. The end 8 of the binder-rod nearest the handle—that is, the lower end of said rod—is extended or bent at about right angles inwardly toward the standard and is adapted to extend loosely through a perforation 9 in the standard and to hinge or connect loosely with the lower spring 4. This is effected by having the perforation 9 of the standard and 6 of the spring arranged in alignment and the end 8 of the binder-rod passing loosely through both perforations and caught by a head or turned-over end 10 of the rod, thereby affording a hinge or loose joint, by virtue of which the upper end of the binder-rod may be swung out from the standard to permit the papers 11 to be hung or placed over the rod or removed therefrom, as indicated by Fig. 1 of the drawings. The upper end 12 of the rod 7 is also extended or bent inwardly at about right angles thereto in a manner substantially similar to the lower end 8, and this end is screw-threaded at 13 and is adapted to take loosely through a perforation 14 in the upper end of the standard, which perforation about coincides with the eye 6 of the upper spring 3, through which the end 12 also extends. A detachable thumb-nut or cap 15 is fitted on the screw-thread of end 12 and serves to clamp and hold the binder-rod in closed position, as shown in Fig. 2. This nut or cap may also serve to tighten the binding-tension of the rod or wire 7, though the springs 3 4 act to hold the latter in toward the standard under spring-pressure, whereby the binder-rod will retain the inserted papers securely in place and whereby the binder-rod is self-adjusting relative to the standard to accommodate a great or small number of papers, as the case may be.

From the foregoing description the operation of the device will be evident. With the file in closed position, as shown in Fig. 2, the removal of the nut 15 permits the rod 7 to be

swung into the open position indicated in Fig. 2, under which condition the papers may be inserted or removed, after which the binder-rod 7 is forced in toward the standard and the upper end 8 is pushed through the perforation 14 of the standard, thence through the eye 6 of the spring 3, when the nut 15 is again applied and the binder-rod thereby locked in position for holding the papers in the file, as shown in Fig. 2. Any number of papers may be inserted in the file and the ends of the binder-rod may be prolonged as much as desired in order to admit a great number of papers. Since the binder-rod extends along the fold usually formed down the center of width of the paper, it will hold them firmly in place on account of the extended surface of the paper with which it comes in contact.

Having thus described my improvements in newspaper-files, what I claim as my invention, and desire to secure by Letters Patent, is—

The combination, with a standard formed at or near its upper and lower ends, respectively, with a suitable perforation extending through the same from the back to the front thereof, of springs arranged upon the back of the standard, one near each end thereof and each formed at its free end with an eye registering with said respective perforations of the standard, and a binder-rod disposed upon the side of the standard opposite that upon which the springs are located and having its ends extended or bent inwardly, with the lower end thereof passing loosely through the perforation near the lower end of the standard and connected loosely with the eye of the lower spring, the upper end of said binder-rod passing loosely through the perforation near the upper end of the standard and also through the eye of the upper spring and provided at such end with a thumb nut or cap for releasably securing the end of said rod to the spring, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand, this 9th day of January, 1892, in the presence of the two subscribing witnesses.

CHARLES H. JAEHNIG.

Witnesses:

L. Y. HANCOCK,

W. L. EVANS.