(No Model.)

W. SCHULZ.

NEWSPAPER FILE.

No. 350,507. Patented Oct. 12, 1886.

Fig. 1.

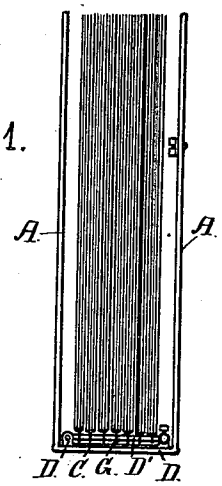


Fig. 3.

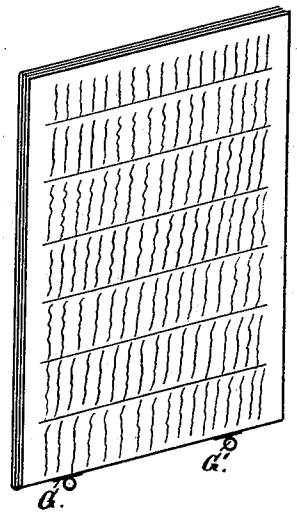
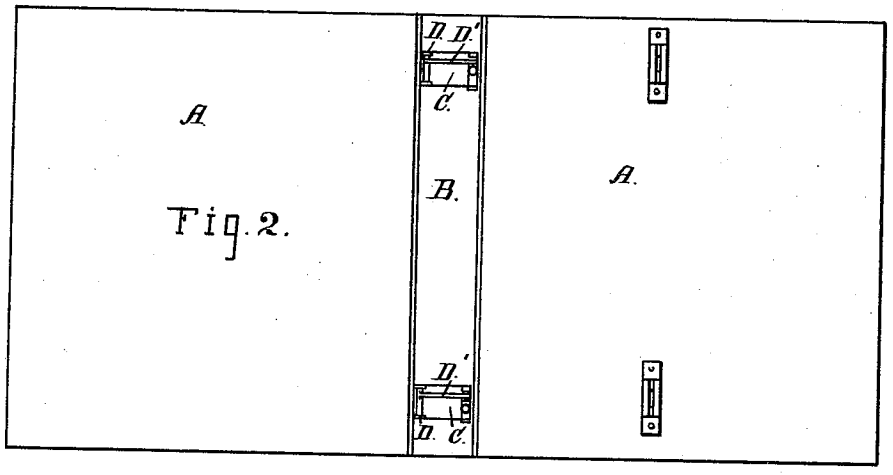


Fig. 2.



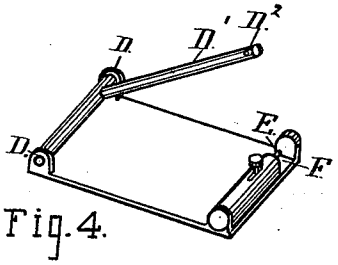


Fig. 4.



Fig. 5.

Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM SCHULZ, OF SAN FRANCISCO, CALIFORNIA.

NEWSPAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 350,507, dated October 12, 1886.

Application filed November 14, 1885. Serial No. 182,885. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM SCHULZ, a subject of the Emperor of Germany, residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Newspaper-File, of which the following is a specification.

The object of my invention is to provide a means for the filing or temporary binding of books, newspapers, periodicals, sheets of music, photographs, &c., in a simple and efficient manner. I accomplish this object by the means illustrated in the accompanying drawings, forming a part of this specification, in which—

Figure 1 is an end view of my newspaper-file with papers in position. Fig. 2 is a plan of file with covers opened out, showing the gages and locking device. Fig. 3 is a plan view of a series of papers in position before filing. Fig. 4 is a view in perspective of the clamp or locking device. Fig. 5 is a plan view of the impaling-staple or wire clamp.

Similar letters refer to similar parts throughout the several views.

In carrying out my invention I employ the usual boards, A, binding in the back between them a stiff center piece of board, B, upon the the inner face of which is riveted the locks C, the rivets passing through the plate of the locks and board B of the back of the file. The locks consist of a pin pivoted to the lugs D of the plate, from which extends at right angles a locking-arm, D′, the outer end of which is provided with a hole, D^2. The opposite end of the plate carries a small snap-bolt, E, which is thrown forward by a spiral spring, E′, and the end of the bolt enters the hole D^2 in the locking-arm D′, when the latter is thrown down into a notch, F, cut in front of the bolt, of sufficient size to receive it. Two of these locking devices are employed, and the hanging of the pivoted pins in their respective lugs is such that the right-angled locking-arms when raised from their respective grooves or notches will remain in a vertical, inclined, or horizontal position, and be easily borne downward and snapped into their respective places in the locks, when desired, and upon these arms are placed in regular order the sheets or folios to be filed, which is accomplished in and by the following means:

The filing-hooks consist of a peculiarly-formed wire staple or fastener, G, bent or constructed so as to form two barbs or points and a center loop or eyelet hole, G′, and two or more of these staples or fasteners are employed for each sheet filed. These staples or fasteners are connected to the sheet to be bound in the following manner, to wit: To the inner face of the right-hand board of the cover I attach by means of pins two cleats, which may be made of wood, and in the face of the cleats I form a die to receive the loop or eyelet and the two horizontal arms of the staple, and when in place the two barbs or points are vertical and in position to receive the sheet, which latter is pressed downward, the barbs passing through the center margin of the sheet, in which position they are bent down upon each other, when the sheet is folded over and strung upon the pivoted arms through the medium of the loops or eyelets in regular order one after the other until the boards or covers are filled with sheets. The dies for the loops or eyelets of the staple or clamp are set upon the cover directly in line with the pivoted arms, by which is obtained a sure gage or measurement of the distance between the pivoted arms, and all the eyelets or loops in the sheet will be at a uniform distance apart, and each folded sheet will be separate on the file, and can be easily opened and spread out without binding of the parts along the center margins or folds.

In filing photographs the staples or fasteners may be driven or screwed into the edge of the photograph or mat containing the picture, and then strung upon the locking-arms connected to a photographic album, in the same manner as in filing newspapers.

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

1. The combination of the boards or covers of a newspaper or other file, the stiff center piece, B, the plates C, secured thereon and provided with arms D′, pivoted in the lugs D, and the spring-bolts E, adapted to lock said pivoted arms, substantially as shown and described.

2. A newspaper or other file the boards or covers of which are united by a center piece having affixed to it the locks to receive the staples inserted in the papers, one of said boards having measuring-cleats provided with staple-receiving dies secured upon it in line with said locks, whereby the staples are gaged in position for insertion in the papers.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

WILLIAM SCHULZ. [L. S.]

Witnesses:
C. W. M. SMITH,
CHAS. E. KELLY.