

(No Model.)

J. W. BARBER & A. ANDERSON.

PAPER FILE.

No. 368,566.

Patented Aug. 23, 1887.

Fig. 1.



Fig. 2.

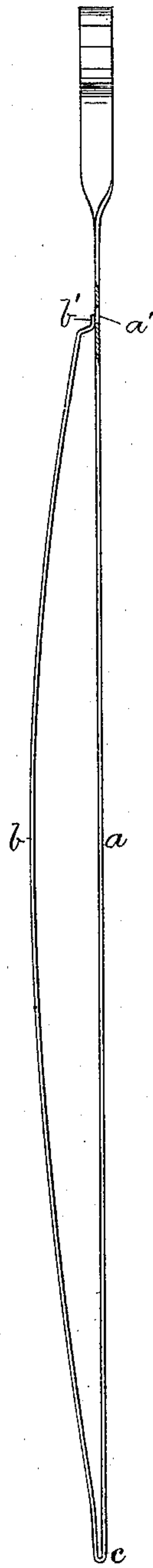
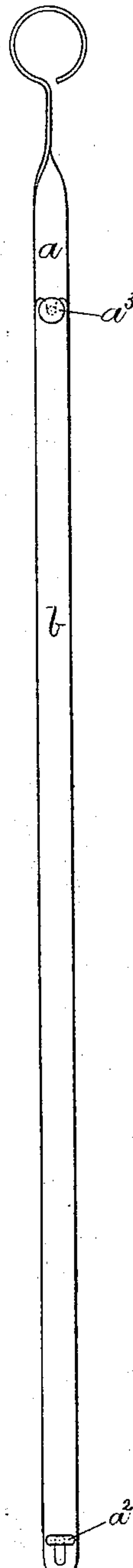


Fig. 3.



Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

JOHN WESLEY BARBER, OF NEWTON, AND ALBERT ANDERSON, OF BOSTON,
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PAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 368,566, dated August 23, 1887.

Application filed July 23, 1884. Serial No. 133,557. (No model.)

To all whom it may concern:

Be it known that we, JOHN WESLEY BARBER, of Newton, in the county of Middlesex and State of Massachusetts, and ALBERT ANDERSON, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Paper-File, of which the following is a specification.

Our invention relates more particularly to files for holding newspapers, in which the paper is clamped between two bars or rods.

The object of our invention is to provide a simple and effective device for holding newspapers by the folded edge in a convenient form for reference and preservation.

Our invention consists in a two-bar paper-file, in which one bar is a spring, which, when connected at one end to the other bar, will, when left free, lie close to and parallel with the other bar, whereby the disconnected end of the elastic bar is caused to engage a suitable locking or retaining device in the other bar.

In the accompanying drawings, which illustrate paper-files embodying our invention, Figures 1 and 2 show both bars formed from a strip of flat steel, Fig. 1 showing the two bars in their closed position, and Fig. 2 illustrates the manner of locking the spring-bar to the other bar by means of the resiliency of the spring-bar. Fig. 3 shows the spring-bar separate from the other bar, which is provided with two pins, by one of which the spring-bar is connected to the other bar, and into the other of which it springs to lock the two together. Fig. 4 is a plan of the file shown in Fig. 3.

The simplest way now known to us of constructing our improved paper-file is shown in Figs. 1 and 2, in which a flat strip, preferably of steel to afford the requisite elasticity, is bent back to form two bars, *a* and *b*, connected together at *c*, and between which the folded edge of a newspaper may be inserted.

Obviously, instead of bending back a continuous strip, the bar *b* may consist of a separate strip, connected at one end to the bar *a*,

where the bend *c* is shown, by any suitable fastening, so as to leave its other end free.

The bar *a* must be adapted to receive and retain the free end of the bar *b* to form a clamp for securely holding the papers. This may be effected in various ways—for instance, the free end of the bar *b* may be a bolt to enter a spring or other lock on the bar *a*, from which it can be released only by means of a key. Such precaution, however, is not requisite for a newspaper-file, and the simplest locking device is in such files desirable.

In Figs. 1 and 2 a hole, *a'*, is made in the bar *a*, and the free end of the bar *b* is provided with a tongue, *b'*, the entering end of which can be presented to the hole *a'* by buckling the spring-bar *b*. The entering end of the tongue *b'* being properly presented to the hole *a'* by buckling the bar *b*, it is evident that on releasing the bar *b* its resiliency will cause the tongue to enter the hole and thereby lock the two bars together to form a clamp for holding papers, as shown in Fig. 1.

It is desirable and important to provide means for holding or hanging up the file. Such may be provided by extending the strip beyond the catch and shaping this extended part as shown in the drawings; or the extended part may have a suitable handle secured to it; or a hole through the extension of the flat strip would answer the purpose. In the file shown in Fig. 3 the two bars *a* and *b* are separate. The bar *a* is provided with two headed pins, *a*² *a*³, to receive the ends of the elastic spring-bar *b*. To connect the two bars to form a paper-holding file one end of the bar *b* is placed under one of the pins *a*², and the bar *b* is then buckled to bring its other end under the other pin, *a*³.

We are aware of McCarty's patent, No. 74,562, dated February 18, 1862, and Weisz's patent, No. 257,115, dated April 25, 1882, and disclaim all that is described in them, our file differing radically from the files shown in these patents, in that its spring-arm is caused to engage its locking or retaining device by buckling the spring-arm, as above

described, while the corresponding arms of the McCarty and Weisz files are secured by hooking or catching their free ends without buckling.

5 What we claim is—

The improved paper-file hereinbefore described, made up of an arm, *a*, a flexible arm, *b*, secured to arm *a* and extending beyond a locking device on arm *a*, so that arm *b* is re-

quired to be buckled when its free end is secured, substantially as and for the purpose set forth.

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Witnesses:

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