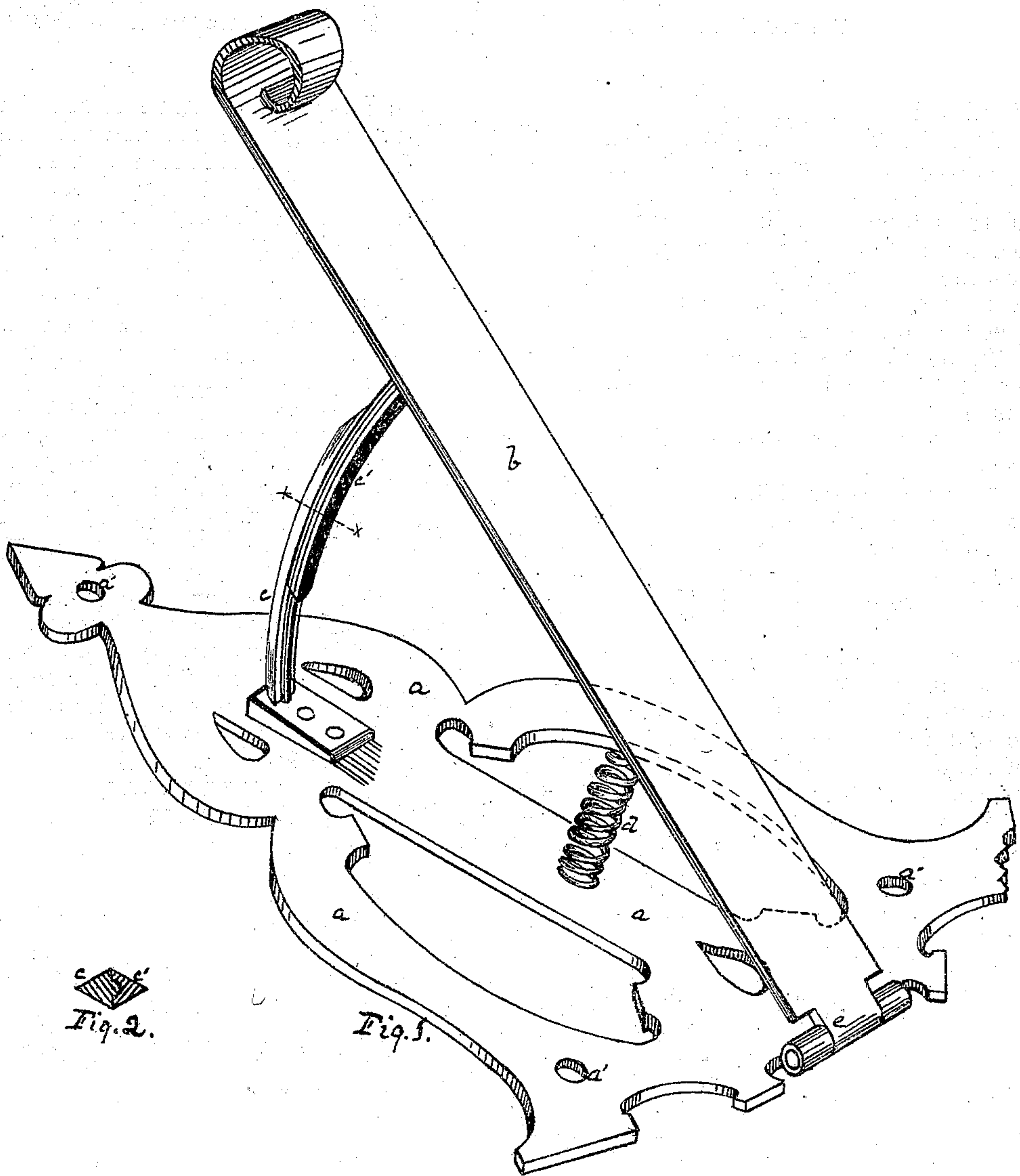


HENRY J. ASTHALTER.

Paper File.

No. 120,227.

Patented Oct. 24, 1871.



Witnesses:
W. H. Henderson
J. L. Bowen.
H

Inventor:
Henry J. Asthalter,
by Bakewell, Christy & Co.
his Attys.

UNITED STATES PATENT OFFICE.

HENRY J. ASTHALTER, OF PITTSBURG, PENNSYLVANIA.

IMPROVEMENT IN PAPER-FILES.

Specification forming part of Letters Patent No. 120,227, dated October 24, 1871.

To all whom it may concern:

Be it known that I, HENRY J. ASTHALTER, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Bill-Files; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing making a part of this specification, in which—

Figure 1 shows my improvement in perspective, and Fig. 2 is a cross-section through $x x$, Fig. 1.

Like letters of reference indicate like parts in each.

To enable others skilled in the art to make and use my improvement, I will proceed to describe its construction and operation.

The plate a , of any suitable form, is made to be hung up or affixed to a desk, table, or to a suitable pedestal by nail or screw-holes a' . At one end is hinged a swinging-bar, b , and at or near the opposite ends of both is affixed, to one a curved stem, c , and to the other a like stem, c' , in such relative position that they will slide on or against each other, and when extended come as near as may be, point to point. A spring, d , connects the plate a and bar b between the stems

$c c'$ and hinging point e , so as to bring them back after being distended and hold them in that position. In consequence of the stems $c c'$ sliding on or against each other, but one hole will be made in the bills or other papers filed thereon to file the papers. The arm or bar b is raised till the points of the stems $c c'$ are open, when the bill is placed on either, and the arm b is allowed to come back. Any one of a number of bills or papers can then be removed by so separating them that on raising the bar b all above the one to be removed will be on the upper stem c' , and the rest on the lower stem c ; and in like manner it can be replaced in its file order.

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

A bill and paper-file, consisting of a swinging-bar, b , hinged at one end to a plate, a , in combination with a spring, d , and stems $c c'$, which overlap or slide past each other, constructed and arranged substantially as described.

In testimony whereof, I, the said HENRY J. ASTHALTER, have hereunto set my hand.

HENRY J. ASTHALTER.

Witnesses:

R. C. WRENSHALL,
G. H. CHRISTY.

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