(No Model.)

B. PETSCHE.

PAPER FILE.

No. 405,596. Patented June 18, 1889.

Fig. 1.

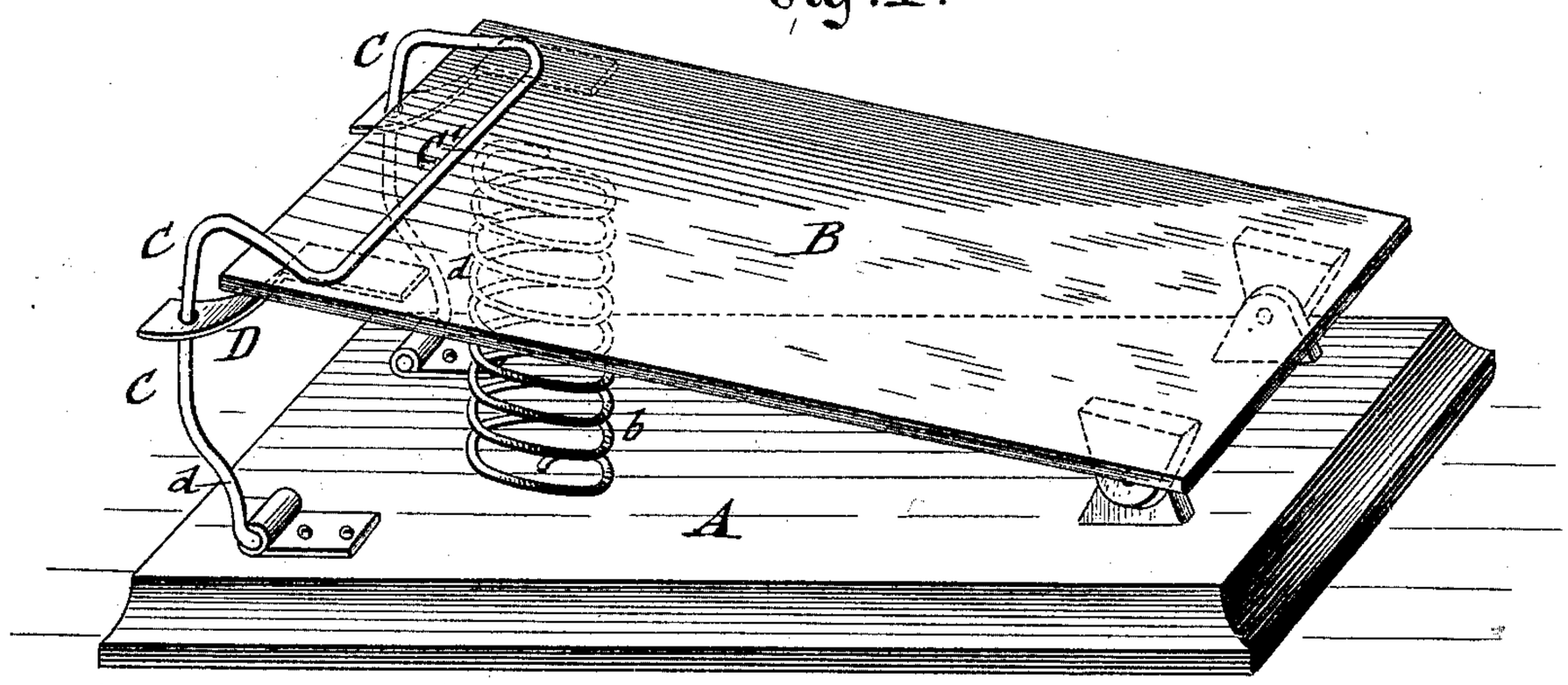


Fig. 2.

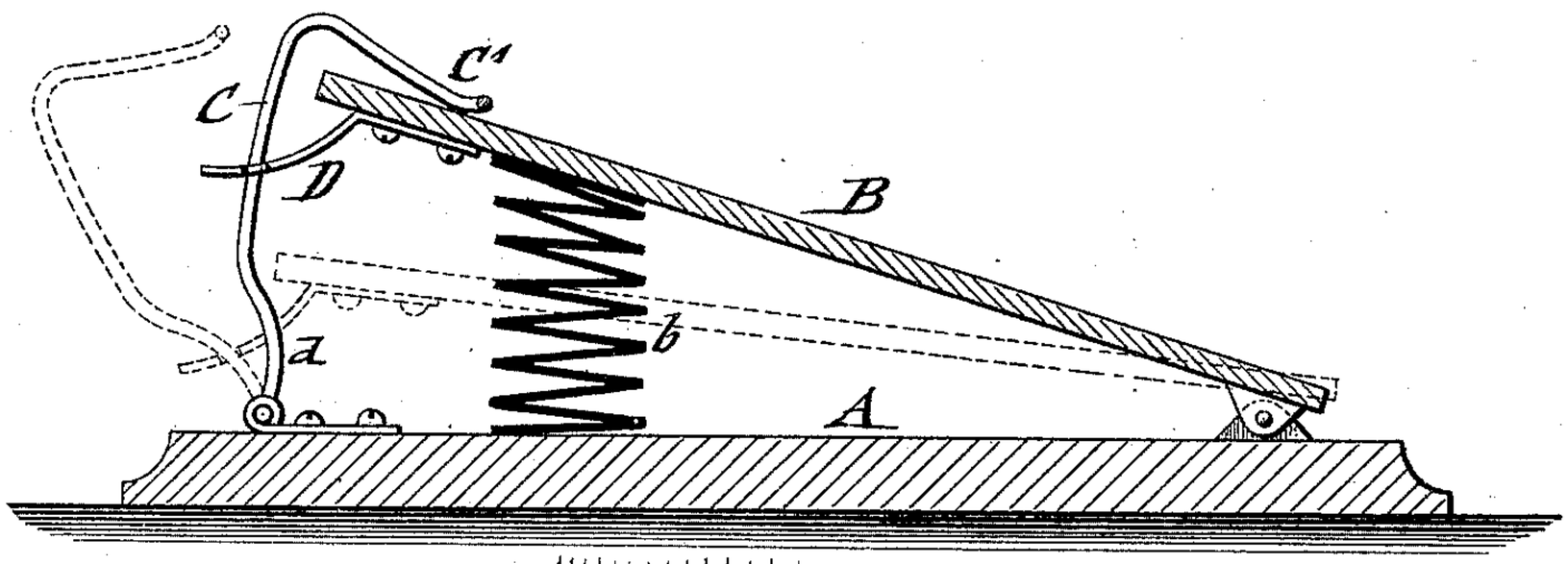
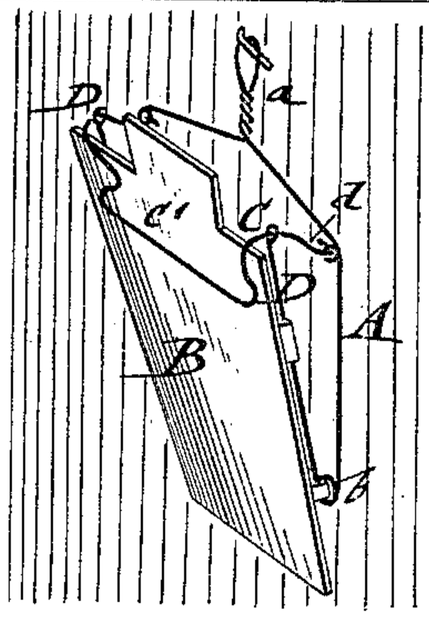


Fig. 3.



WITNESSES:

F. W. N. Rosenbaum.

Henry Huber

INVENTOR

Bernhard Petsche

BY

Goepel & Daegener

ATTORNEYS.

UNITED STATES PATENT OFFICE.

BERNHARD PETSCHE, OF PHILADELPHIA, PENNSYLVANIA.

PAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 405,596, dated June 18, 1889.

Application filed February 15, 1889. Serial No. 300,018. (No model.)

To all whom it may concern:

Be it known that I, BERNHARD PETSCHE, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, a citizen of the German Empire, have invented certain new and useful Improvements in Paper-Files, of which the following is a specification.

This invention relates to an improved paper-file which has the advantage that it can be operated by one hand only, without requiring the other hand for removing the spring-clamp that holds the papers in position; and the invention consists of a paper-file composed of a base plate or frame, a hinged and spring-actuated supporting-plate for the papers to be filed, a clamping device hinged to the base-plate and bent so as to extend over the head of the supporting-plate, and arms attached to the supporting-plate and adapted to engage the clamp, so as to oscillate it when the supporting-plate is depressed.

The invention consists, further, of certain details of construction by which the working of the parts composing the paper-file is rendered more effective, as will be fully described hereinafter, and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a perspective view of my improved paper-file. Fig. 2 is a vertical longitudinal section of the same; and Fig. 3 is a modified construction of my improved paper-file, showing it as suspended from the wall.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the base plate or frame of my improved paper-file, which frame is made either of wood, cast metal, wire, or other suitable material. To one end of the base plate or frame A is hinged a supporting-plate B, which is acted upon at its opposite end by a spiral or other cushioning spring *b*, that is interposed between the base-plate and hinged plate B. To the head of the base-plate A is hinged a clamping device C, which is made either of wire, sheet metal, or other suitable material, and bent in such a manner that its upper part C′ extends over the head of the supporting-plate B, as shown in Fig. 1.

The shanks of the clamping device C are engaged by perforated arms D, attached to the under side of the head of the plate B. The shank or shanks of the clamping device C are bent forward at their lower parts, said bent parts being acted upon by the arms D when the plate B is depressed. The pressure of the arms D on the bent lower portion *d* of the shanks of the clamp C produces the oscillating of the clamp C away from the head of the supporting-plate B, as shown in dotted lines in Fig. 2, so as to clear the latter entirely and permit the paper to be placed on the same. The base-frame A may also be provided with a suspension-eye *a* for suspending it from a hook on the wall, as shown in Fig. 3, in which case the spring which operates the clamp and supporting-plate is made integral with the base-frame.

The paper-file is operated as follows: By depressing the supporting-plate B the head of the same recedes from the transverse front edge of the clamp C until the arms D engage the forwardly-bent lower parts *d* of the clamp, when the upper part C will be quickly moved away from the head of the plate B. On relaxing the pressure on the supporting-plate the same is raised by its cushioning-spring *b* and pressed against the transverse upper part of the clamp as the same is returned to its normal position above the head of the supporting-plate. For placing a paper on the file, all that is necessary is to place it with its edge over the transverse upper part of the clamp and press the supporting-plate down. The paper will readily pass below the clamp and be retained by the same on releasing the plate B, when it and the clamp are returned to their former position. Only one hand is necessary for operating the file, instead of two, as heretofore, in files for similar purposes. By making the cushioning-spring of the supporting-plate of sufficient strength the file can also be used as a memorandum-pad, on which the paper is held in inclined position for writing. By suspending it from the wall the file can be used as a convenient spring-clip for filing bill and similar papers, while, when made on a larger scale, it can be used as a writing-desk, and when made on a very small scale it can be

used as a book-mark and as a clamping device for retaining the leaves of a book while reading.

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

1. The combination of a base plate or frame, a hinged and spring-cushioned supporting-plate, a clamping device hinged to the base-frame and bent at its upper part so as to extend over the head of the supporting-plate, and arms attached to the supporting-plate and adapted to engage said clamp, so as to oscillate it when the supporting-plate is depressed, substantially as set forth.

2. The combination of a base plate or frame, a hinged and spring-cushioned supporting-plate applied to said base-plate, a clamping device hinged to the base-plate and provided with a bent upper part extending over the head of the supporting-plate and with shanks having forwardly-bent lower portions, and of arms attached to the supporting-plate and adapted to engage the shanks of the clamping device, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

BERNHARD PETSCHE.

Witnesses:
PAUL GOEPEL,
CARL KARP.