(No Model.)

M. R. JEWELL.

PAPER FILE.

No. 384,168. Patented June 5, 1888.

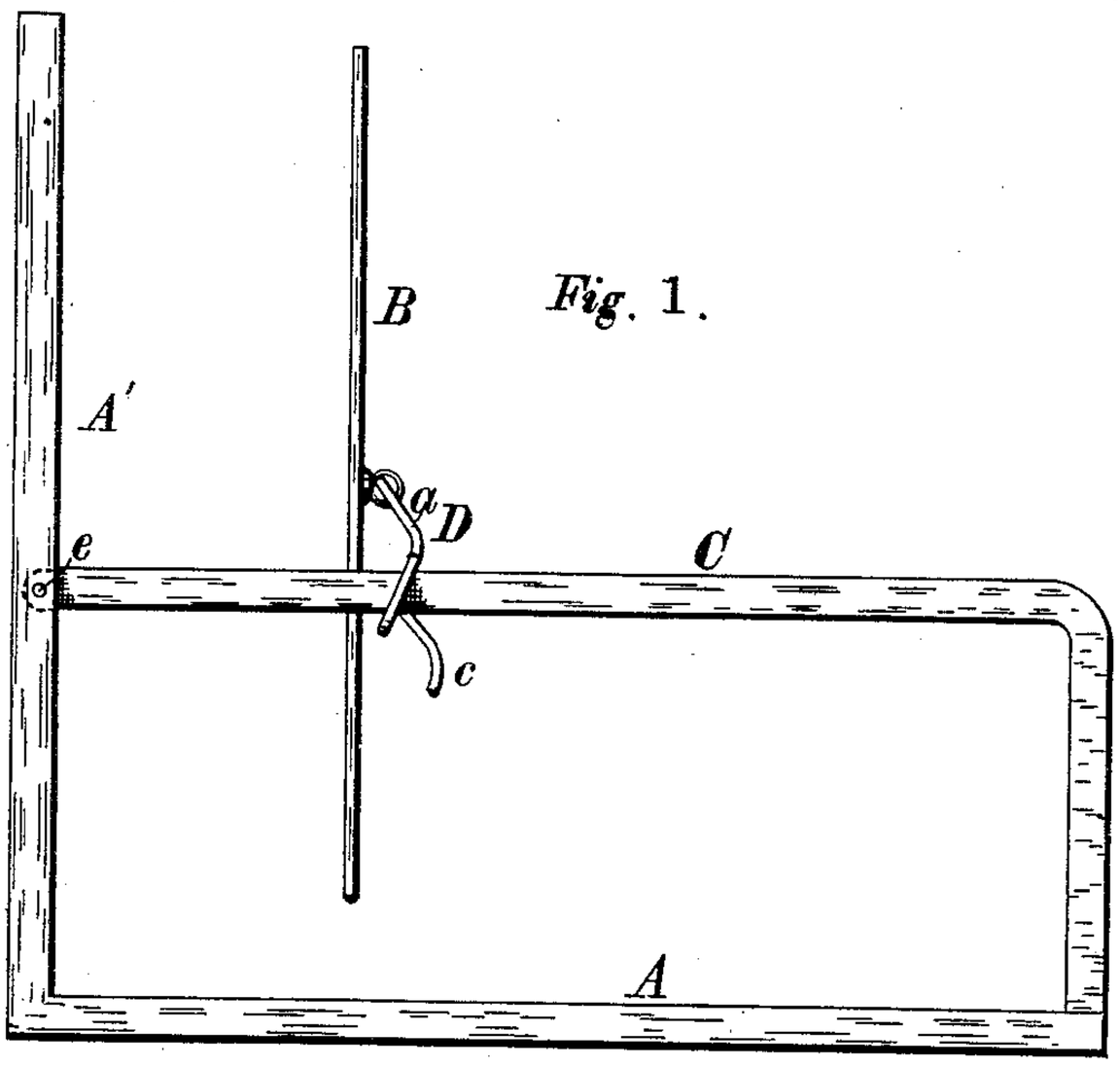

Fig. 1.

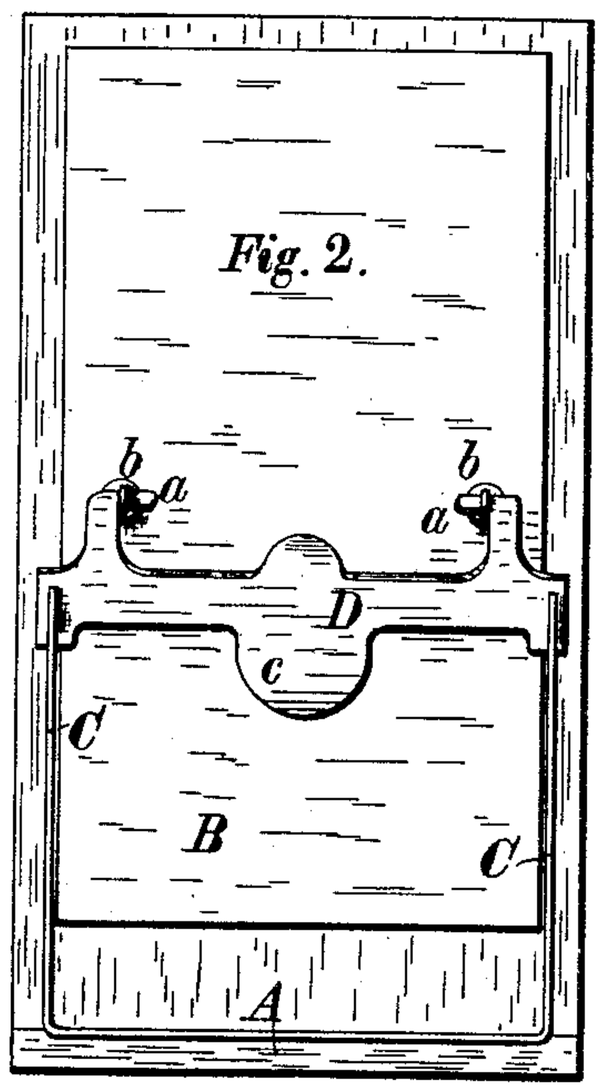

Fig. 2.

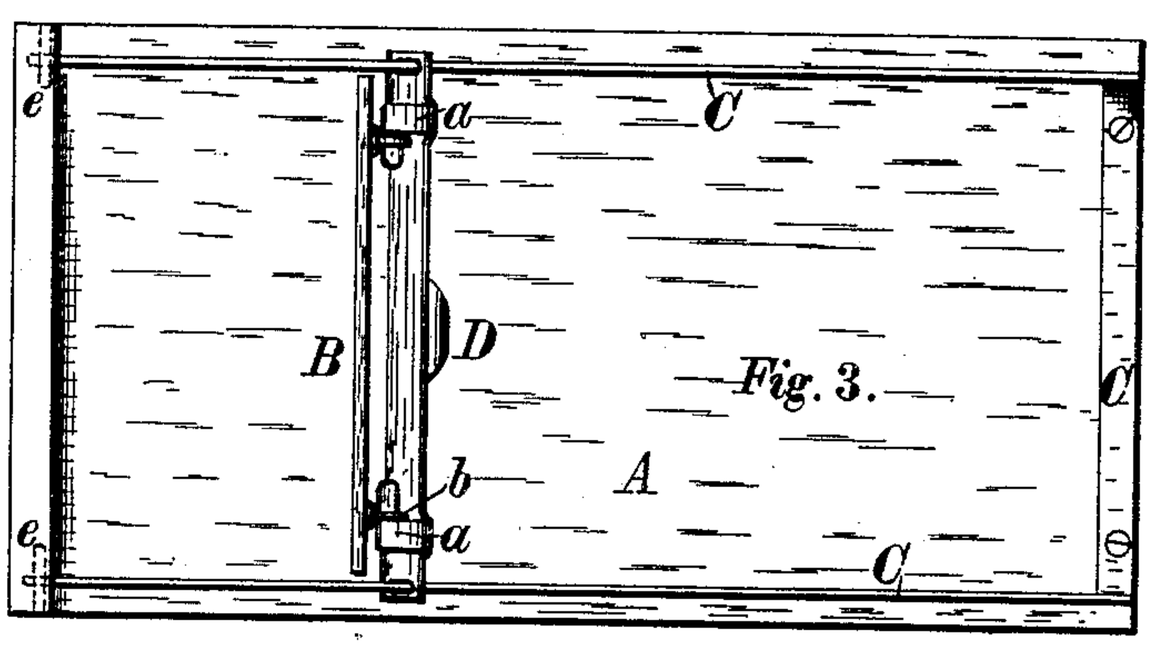

Fig. 3.

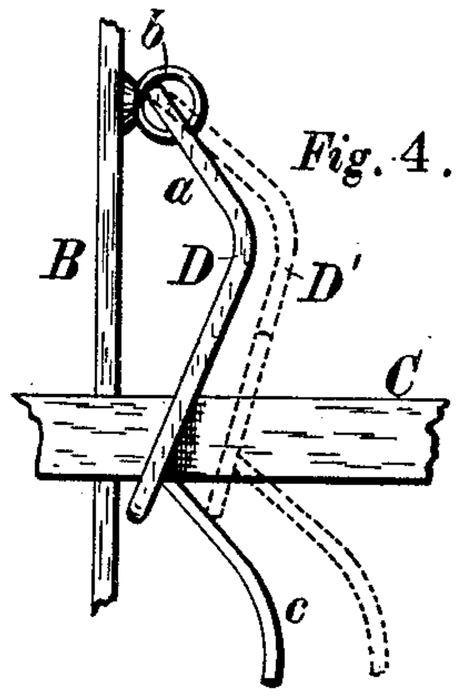

Fig. 4.

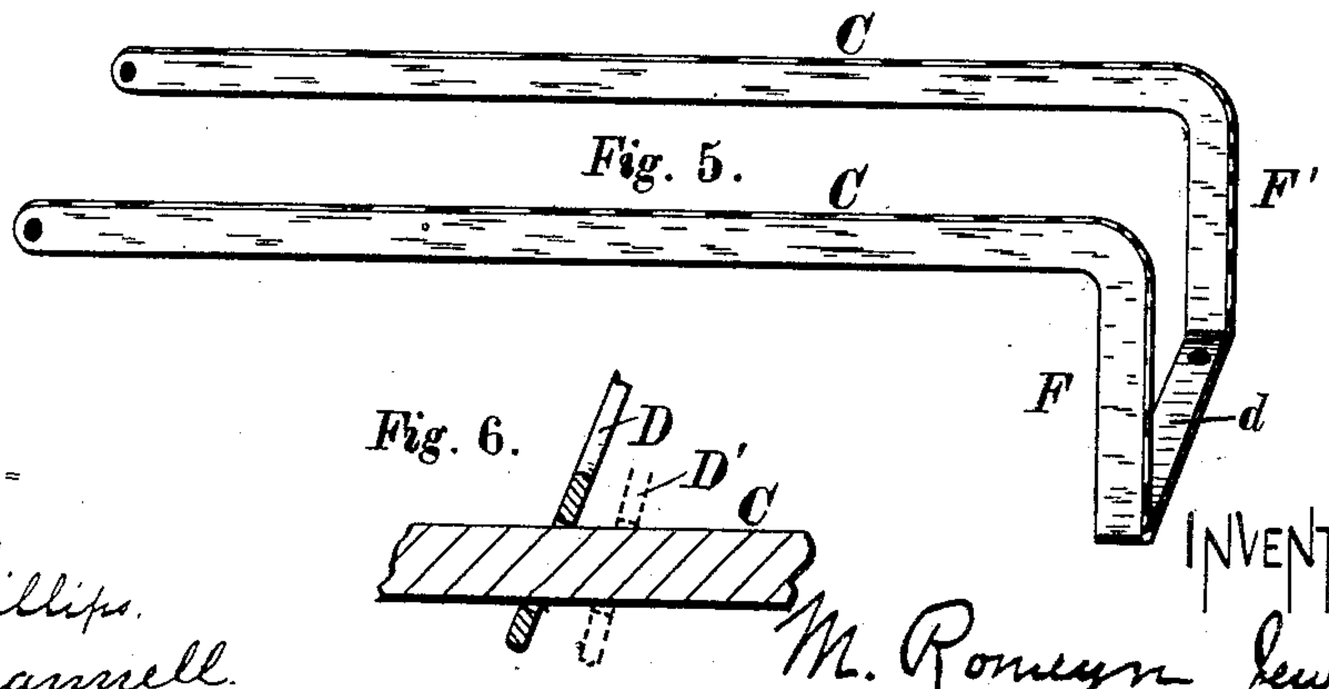

Fig. 5.

Fig. 6.

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PAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 384,168, dated June 5, 1888.

Application filed March 29, 1887. Serial No. 232,863. (No model.)

To all whom it may concern:

Be it known that I, M. ROMEYN JEWELL, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Paper-Files, of which the following is a specification, reference being had to the accompanying drawings.

My improvements in paper-files are fully described and illustrated in the following specification and accompanying drawings, and the novel features thereof specified in the claims annexed to the said specification.

In the accompanying drawings, Figure 1 is a side view of my improved paper-file. Fig. 2 is a view of the same as seen from the right hand in Fig. 1. Fig. 3 is a plan view. Fig. 4 is a side view of the clamping device on an enlarged scale. Fig. 5 is a perspective of my improved guide-bar. Fig. 6 is a section of a portion of the guide-bar and clamp, showing the operation of the latter.

In the accompanying drawings, representing my improved paper-file, A A′ is the file-body, consisting of a front and base at right angles with each other.

B is the compressor, between which and the front are held the papers contained in the file.

The guide-bar C is a continuous strip of flat metal secured to the upper surface of the base, two arms, F F′, of which rise vertically and are then bent at right angles, extending along the file parallel with the base to the front, where they are secured by pins *e*. The clamping-bar D extends from one arm to the other of bar C and carries the compressor B, being provided with two curved arms, *a*, having inwardly-bent ends which enter eyes *b*, attached to the compressor B. The bar D has two slots formed in it near its ends, through which the arms of the guide-bar C pass. These slots are made slightly longer than the width of the bar D, so that the pressure of the paper in the file will force the bar beyond a right angle therewith, as shown by the full lines in the drawings, thus firmly clamping the guide-bar between the upper and lower edges of the slots, as shown in the section, Fig. 6. The greater the pressure against the compressor B the tighter will the bars C be grasped. I provide a finger-piece, *c*, on the clamping-bar D, by which it may be drawn into the position D′, Fig. 4, and released.

The bar D is struck from sheet metal in one piece and subsequently bent into the form shown in the drawings. The guide-bar C is also a single piece of sheet metal and is bent so as to form a base, *d*, Fig. 5, for attachment to the bed of the file, and the two side arms on which the clamping-bar D slides.

The formation of the two side guide-bars, C, and the cross-connection *d* in one piece is advantageous in that the guides are thus maintained rigidly in parallel positions and at the required distance apart, and in that the cross-bar serves, when fastened in place, to strengthen the base-board and prevent the same from splitting, and to assist in maintaining the front board in place.

I cut suitable slots in the file-front A′ for the insertion of the ends of the guide-bar and fasten them therein by wire nails *e e*, passing through holes in the ends of the bar.

Besides its function as a support for the compressor, the bar C is a brace for the front and base of the file, so that the whole forms a perfectly rigid and strong structure.

I prefer to form the guide-bar C and clamping-bar D of sheet-steel, as I thereby secure strength and lightness at very slightly-increased cost.

My improved paper-file possesses the combined advantage of cheapness, strength, and durability in an eminent degree. The base and front are ordinarily made of wood; but in fire-proof constructions metal may be adopted for these parts and also for the follower B.

I claim—

1. The improved guide for a paper-file, consisting of the parallel side arms, their downwardly-turned arms, and the connecting member *d*, the whole formed in one piece, as shown.

2. In combination with the base A and end A′, and a follower or carrier provided with clamping devices to ride on the guides, the two side guides formed in a single piece of metal, as shown, with the cross-connection at the rear, said guides attached to the front and base, substantially as described.

3. In a bill file, and in combination with the side guides and the follower, the tilting rocking plate having the upright arms jointed to the follower-board and having the depending arm *c* below the guide, whereby it may be readily unlocked.

Witnesses:
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