

(No Model.)

A. DOM.
DOCUMENT FILE.

No. 461,781.

Patented Oct. 20, 1891.

Fig. 1.

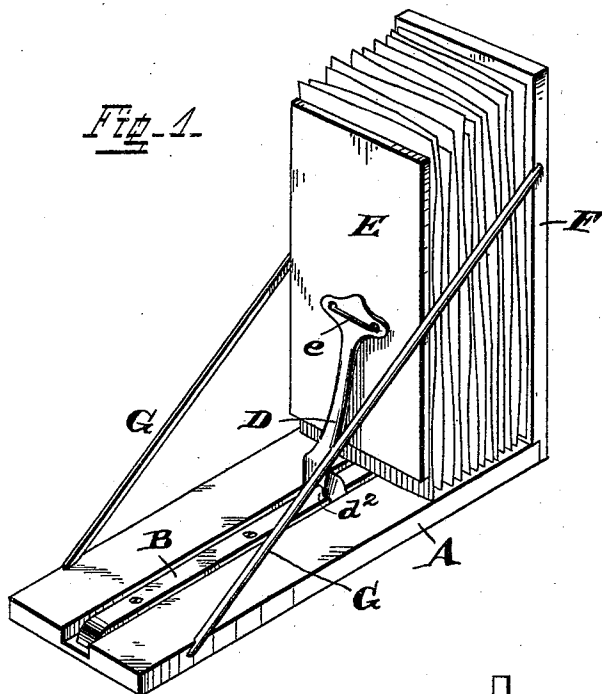


Fig. 2.

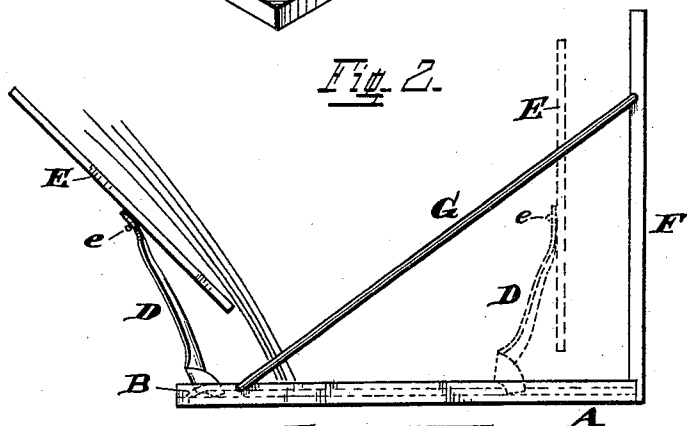
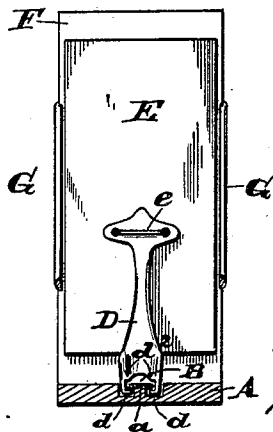


Fig. 3.



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DOCUMENT-FILE.

SPECIFICATION forming part of Letters Patent No. 461,781, dated October 20, 1891.

Application filed July 27, 1891. Serial No. 400,829. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER DOM, a citizen of the United States, residing at Mount Healthy, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Document-Files, of which the following is a specification.

In the accompanying drawings, forming a part hereof, Figure 1 is a perspective view of my improved file in an operative position with documents filed therein. Fig. 2 is a side elevation of the file shown in Fig. 1, with its clamp-board and clamp slid backward on the clamp-bar in position to examine the documents, the dotted lines indicating the position of the said clamp-board and clamp when in use to retain said documents in proper position. Fig. 3 is a central transverse section through the base, clamp-bar, and stay-rods, looking toward the clamp-plate or follower, when in use, as shown in Fig. 1.

My improved document-file is preferably constructed as follows: The base A is provided with a central longitudinal groove, having therein a central supporting tongue or rib *a*, on which latter the clamp-bar B rests, as more clearly shown in Fig. 3, said rib being cut away at its front end portion to permit said clamp-bar being rounded down over the end thereof, and thus afford a stop for the clamp in its forward movement, as shown in Fig. 2. This clamp-bar B might be rounded down at each end and secured within this central groove without the central rib *a*; but in order to more securely retain said bar to place it is preferred to employ the rib, to which the former is screwed or otherwise connected.

The clamp D is preferably formed, as shown, with the lower inwardly-projecting flanges *d*, (see Fig. 3,) which latter engage beneath the outer edges of bar B. This clamp is also rounded inward across the top of said bar, thus forming shoulders *d*², which latter, in connection with the flanges *d*, serve as guides for the clamp proper as it slides back and forth on the bar B. The clamp D is connected to the clamp-plate or follower E in such a manner as to permit of a slight rotary movement of the latter, and for that purpose I prefer to connect said parts by means of a

staple *e*, passed through suitable openings formed in the top portion of said clamp and secured to said plate. Any other suitable device may be employed for affording the desired connection between clamp D and its plate E.

To the rear end of base A is connected the vertical end piece F, the latter being braced at its top portion by means of stay-rods G, connected at one end to said end piece and at the opposite end connected to the base, near the front end thereof, as shown. The stay-rods G, in connection with base A and end F, form the body of the file—that is, the documents are inserted between said stay-rods, and are securely clamped to place between the end piece F and plate E, in the manner now to be described.

The operation of my improved file is as follows: The documents, after having been properly marked or stamped, are inserted, as shown, between the clamp-plate E and end piece F, the rods G tending to retain said documents in a vertical position, after which the said plate and clamp D are moved rearward, securely compressing the documents against the said end piece. After the desired pressure is had the clamp-plate and clamp are retained to place by means of the flanges *d* locking or engaging with the bar B, thus producing a friction-lock. To loosen the clamp-plate, all that is required is to slightly press the latter near its top portion and then grasp the clamp D near its bottom portion, said operations tending to disengage the flanges *d* from a locked position, at which time said clamp and plate are free to slide forward, the turned-down end of bar B effectually preventing said clamp from sliding off its bar. When examining the documents, the clamp-plate E assumes an inclined position, as shown in Fig. 2, against which the documents rest after having been examined, and are thus kept in position to be readily and quickly righted and clamped to place in the manner afore described.

The advantages of my improved document-file are apparent. The construction of the clamp for retaining the plate E in proper position is such that the latter cannot fall upon the base A, as the flanges *d* and shoulders *d*²

tend to retain said clamp and plate in an approximately vertical position. The clamp, after having been secured to place on its bar B, cannot become disengaged therefrom, and is always in an operative position. The stay-
5 rods, in addition to bracing the end piece, also form the sides of the file, thus producing a neat and substantial file at a small expense in comparison with other files now on the
10 market.

The device as a whole is simple and reliable in operation, durable in construction, and is cheap of manufacture. If desired, the clamp-bar B may have a downwardly-extending rib to take the place of the rib *a* in the
15 longitudinal groove in the base.

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

A document-file consisting of base A and an end piece F, connected thereto, clamp D, 20 follower E, and clamp-bar B, said base having a longitudinal groove with a rib *a* centrally therein, on which the said bar is connected, the outer edges of said bar overlapping said rib and bent down over the latter 25 at one end thereof, the clamp having integral inturned flanges *d* and shoulders *d*², respectively engaging beneath and above said bar B at each side thereof, said clamp at its upper portion being connected to the follower by a 30 staple *e*, substantially as set forth.

ALEXANDER DOM.

Witnesses:

O. M. HILL,
WILSON B. BRICE.