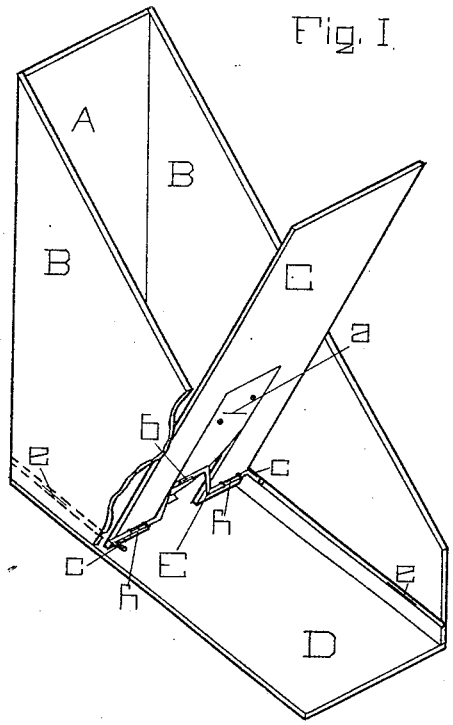
(No Model.)

W. H. DAVIS & W. HATFIELD.

PAPER FILE HOLDER.

No. 346,537. Patented Aug. 3, 1886.

Fig. I



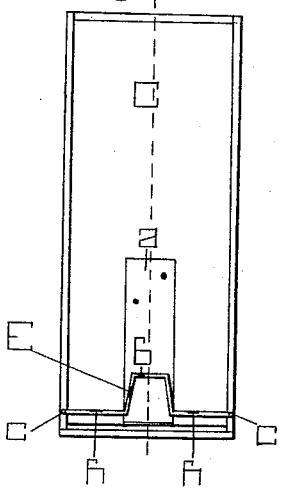
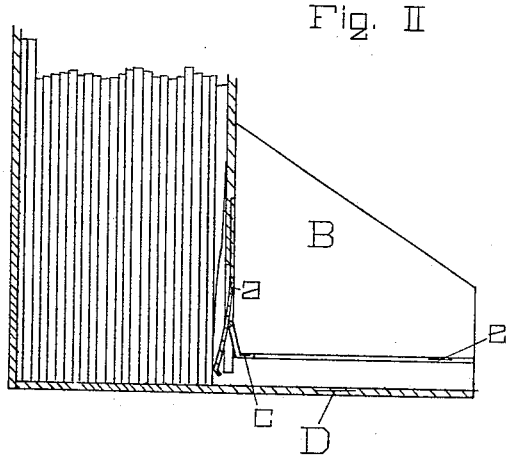


Fig. III

Fig. II



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PAPER-FILE HOLDER.

SPECIFICATION forming part of Letters Patent No. 346,537, dated August 3, 1886.

Application filed May 3, 1886. Serial No. 201,008. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM H. DAVIS and WILLIAM HATFIELD, citizens of the United States, residing at Fort Wayne, in the county of Allen, in the State of Indiana, have invented certain new and useful Improvements in Files for Holding Papers, Documents, and other Articles; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

The object of our invention is to provide a file for holding papers, documents, and similar articles in such manner as to be easily accessible for use and reference. We attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure I is a perspective of the paper-file holder when not in use, a part of one of the sides B being broken away to show the interior construction. Fig. II is a sectional view of the same when in use. Fig. III is a view of the file-case from the rear or back, showing the file-board.

Similar letters of reference indicate corresponding parts.

The case or receptacle (shown in Fig. I) is made of any suitable materials, preferably of wood, and substantially in the form shown. The sides B B may, however, vary in form to suit the taste or convenience, provided that the proper bracing of the case be preserved and space be given for the grooves *e e*.

The file-board C is constructed with a tongue-spring, *a*, operated through a slot or opening of the same width in the lower end of the same. This spring *a* is suitably fastened to the file-board C, and is operated by a lever, E. The curve or projection *b* of this lever presses against the spring *a*, holding the file-board C in its place, and is itself held rigidly in position by the ends or slides *c c* resting and being held in the grooves *e e*. The spring *a* permits the file-board to be opened, moving in the arc of a circle, of which the arms *h h* of the lever form the center. When the file-board C reaches an angle of forty-five degrees, the spring *a* holds it stationary, and it can be moved backward any required distance with slight pressure or force, the ends or slides *c c* moving in the grooves *e e*, and keeping the board C in the same relative position.

The grooves *e e* in the two sides are constructed, in suitable form for the purpose indicated, near the bottom board, D.

In Fig. I the lever E is shown as if made of wire or iron rod. It is evident that it may be made of other materials, and that the ends or slides *c c* may be of different form and differently attached, so as to answer for the purpose described. The projection *b* may also be a solid piece or plate instead of a curved rod or wire, as shown, and act equally as well. We do not, therefore, confine ourselves to the particular construction shown in Fig. I, nor the particular method of fastening the lever to the file-board C.

Figs. I and II show the file-board C attached in an upright position. If desired, the arrangements can be reversed, so that the papers and other articles will lie in a horizontal position.

In use the top of the file-board C is pressed back to about an angle of forty-five degrees. The spring *a* is thereby pressed backward through the slot in the file-board, by the rigid arm *b* of the lever E operating against it, until it forms such an angle with the spring *a* that the force of the spring no longer operates to move it, but holds the file-board in position placed. If the papers or other articles are not sufficiently loose in the case for convenient inspection, removal, or placing new papers therein, a slight force moves the file-board back, as before stated, any required distance. In closing, the file-board C is pushed up until the bottom binds the files, and it is then brought into an erect position. The lever E, operating against the spring as a bearing, will then hold the files together, as shown in Fig. II, and prevent the file-board from moving backward, because the slides, by this pressure against the top of the arm *b*, are clamped transversely in the grooves, thus holding them firmly in place.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

In a paper-file holder, the lever E, constructed with a projecting curve or arm, *b*, and with arms *h h*, and with ends or slides *c c*, constructed and suitably attached to move in the grooves *e*, in combination with the grooves *e e* in the sides of the case, and in combination with the spring *a* and the file-board C, for the purpose and substantially as described.

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Witnesses:
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