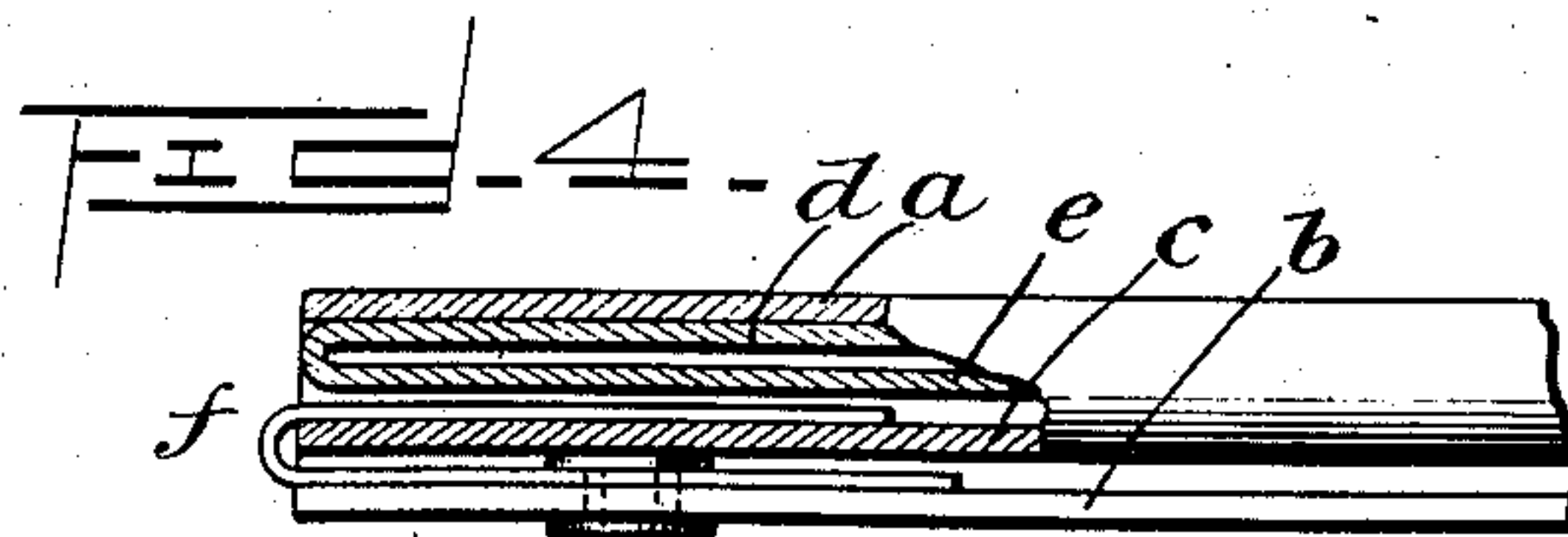
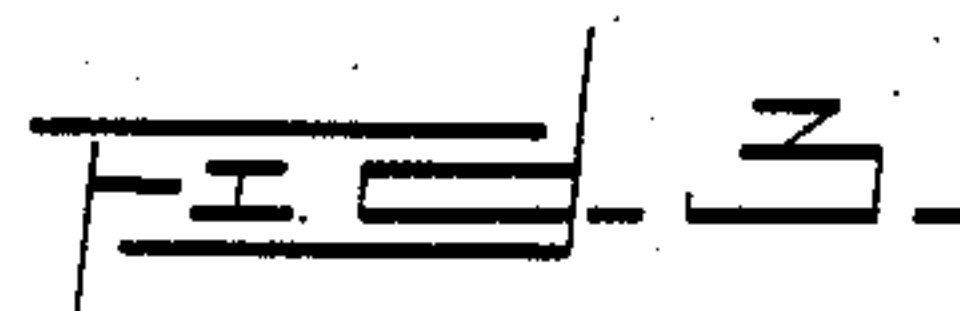
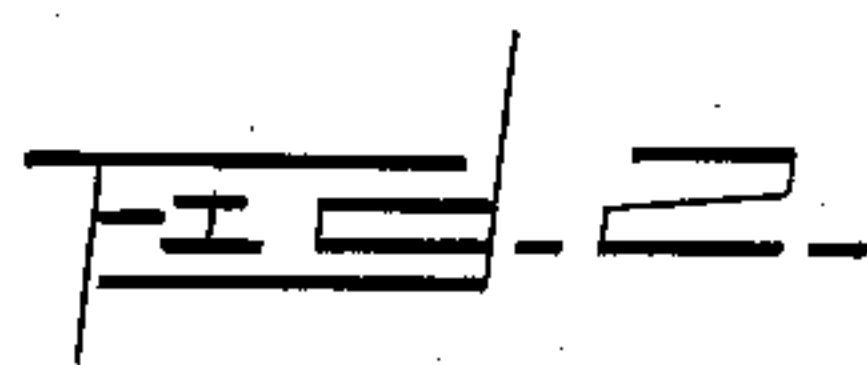
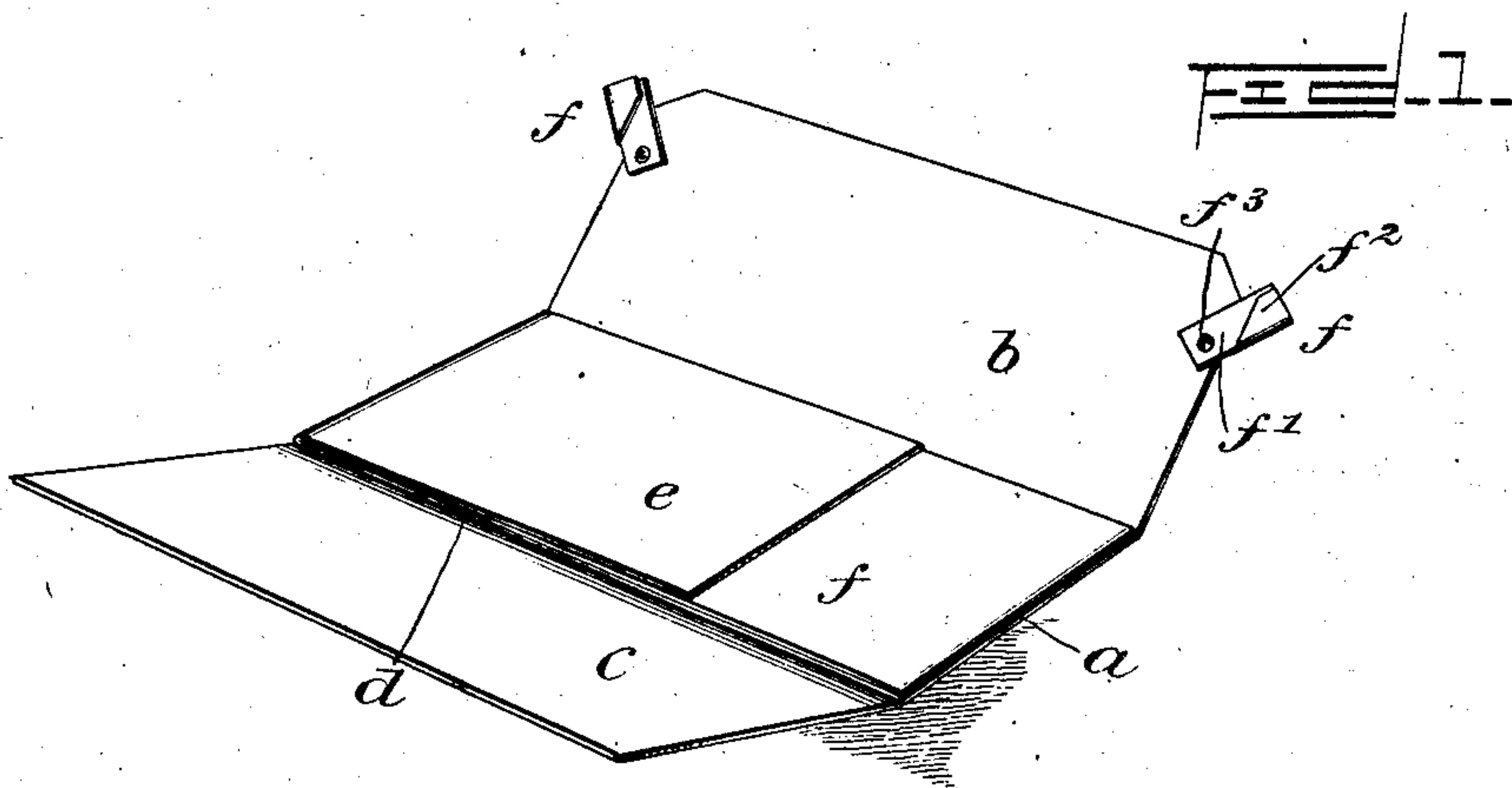


No. 819,464.

PATENTED MAY 1, 1906.

C. R. SMEAD.
FILE AND FASTENER.
APPLICATION FILED JUNE 30, 1905.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES R. SMEAD, OF ST. PAUL, MINNESOTA.

FILE AND FASTENER.

No. 819,464.

Specification of Letters Patent.

Patented May 1, 1906.

Application filed June 30, 1905. Serial No. 267,752.

To all whom it may concern:

Be it known that I, CHARLES R. SMEAD, a citizen of the United States, and a resident of St. Paul, in the county of Ramsey and State of Minnesota, have invented a new and Improved File and Fastener, of which the following is a full, clear, and exact description.

The invention relates to an improvement in file-wrappers for containing documents and also in an improved fastener designed especially for use in connection with the improved file.

The object of the invention is to securely fasten the file-wrapper, avoiding the necessity of tapes or elastic bands, permitting full expansion of the file, and at the same time permitting the file-wrapper to be very readily opened and closed.

A further object of the invention is to construct a fastening device particularly useful in connection with a file of this sort and capable of securely holding the flaps of the file engaged, at the same time permitting the fastening to be readily manipulated.

To these ends I employ a file-wrapper having a body part and, if desired, two auxiliary flaps and also having two main closing-flaps which fold one over the other, one of the flaps, preferably the outer flap, being provided at each corner of its free end with a peculiar swinging fastener which is intended removably to engage the other main closing-flap, thus holding the outer closing-flap securely in closed position at both ends.

The invention resides in certain special features of construction and relative arrangement of parts, which will be fully set forth hereinafter and pointed out in the claims.

Reference is to be had to the accompanying drawings, which illustrate as an example the preferred embodiment of my invention, in which drawings like characters of reference indicate like parts in the several views, and in which—

Figure 1 is a perspective view of the file, showing it in open position. Fig. 2 is an enlarged detail view showing one corner of the file and illustrating the fastener thereof in closed position. Fig. 3 is a similar view, excepting that the fastener is in open position; and Fig. 4 is a sectional plan view on the line 4-4 of Fig. 2.

As here shown, the file is constructed of a back or body *a*, to the inner side of which is suitably fastened a reinforcing-base *d*. This reinforcing-base *d* has integral, respectively,

with its upper and lower ends the auxiliary flaps *e* and *f*, which are intended to fold inward, as shown in Fig. 1, covering the papers which lie between the reinforcing-base *d* and the auxiliary flaps. At each end of the back or body *a* of the file-wrapper the main or closing flaps *b* and *c* are arranged. These flaps are arranged to fold over the auxiliary flaps *e* and *f*, forming a completely-inclosed file-wrapper. At each free corner of the flap *b* the fastening devices *f* are arranged. These fastening devices are intended to engage with the top and bottom edges of the flap *c* at points near the back or body *a* of the file. It will thus be observed that I provide a completely-inclosed file-wrapper the outer closing-flap of which is fastened to the file-wrapper at both of its free corners, preventing these corners from turning up and tearing and securely holding the file closed without the need of tape or elastics, which heretofore have been commonly employed for this purpose.

As here shown the fastening devices *f* comprise main portions *f'*, constructed preferably of sheet spring metal and mounted on the free corners of the flap *b* by means of eyelets or other devices *f''*, which are of such construction as to enable the fastenings to swing freely between the positions shown in Figs. 2 and 3. At its outer edge the main part *f'* of the fastener carries a tongue *f''*, which is preferably integral with the main part and lies at one side of and spaced from the same. This is shown best in Fig. 4. The tongue *f''*, according to the construction here shown, has a diagonal outer edge which facilitates the engagement of the tongue with the flap *c*. The fasteners are attached to the inner side of the flap *b* for the double purpose of facilitating their engagement with the flap *c* and of giving the file a smooth or unobstructed exterior form when closed. By moving the fastener inward to the position shown in Figs. 2 and 4 it will be observed that the tongue *f''* embraces the flap *c*, securely holding the flaps *b* and *c* together. By moving the fastening out to the position shown in Fig. 3 said tongue disengages the flap *c* and permits the flap *b* to be freely opened. The diagonal outer edge of the tongue *f''* serves not only to facilitate its engagement with the flap *c* during the closing operation, but it also avoids the necessity of swinging the fastener outwardly beyond a position of approximately forty-five degrees (45°) with respect to the

end edges of the file during the opening operation.

Having thus described the preferred form of my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A file-wrapper comprising a main part or body and closing-flaps at opposite sides thereof, and fasteners respectively attached to the free corners of the outer closing-flap and adapted to engage the inner edge portions of the second or inner closing-flap, whereby to fasten the outer flap at each end.

2. A file-wrapper comprising a main part or body and closing-flaps at opposite sides thereof, and fasteners respectively attached to the free corners of the outer or closing-flaps and adapted to engage the inner edge portions of the second or inner closing-flap, whereby to fasten the outer flap at each end,

said fasteners being attached to the inner side of the outer closing-flap, for the purpose specified.

3. A file-wrapper comprising a main part or body, and closing-flaps at opposite sides thereof, said flaps being adapted to fold one over the other, and fasteners attached respectively to the corners of the free portion of the outer flap and adapted removably to engage a part of the file to hold said outer flap at each end thereof.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES R. SMEAD

Witnesses:

JOHN B. OADSON,
I. C. UNDLIN.