A. MECKEL.

FILE FOR LETTERS, INVOICES, AND THE LIKE.

APPLICATION FILED NOV. 14, 1911.

1,074,805. Patented Oct. 7, 1913.

Fig. 1

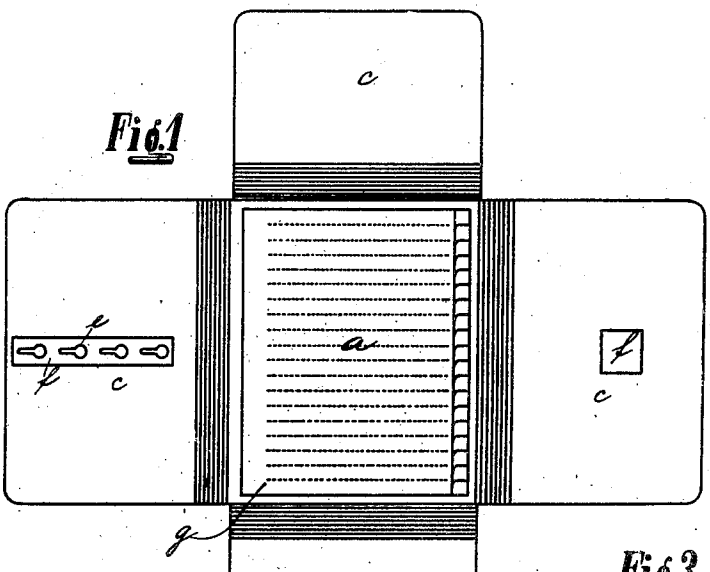


Fig. 2

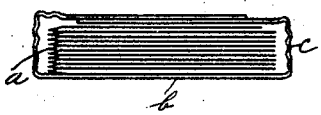


Fig. 3

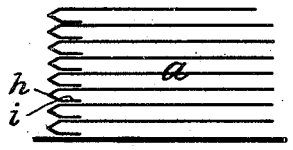


Fig. 4

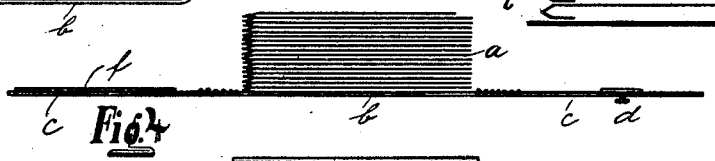
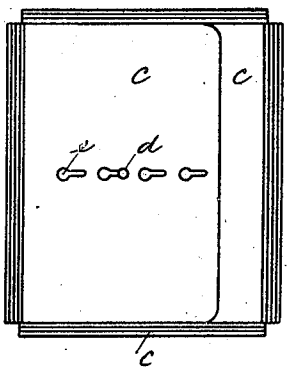


Fig. 5



Witnesses.

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UNITED STATES PATENT OFFICE.

AUREL MECKEL, OF ELBERFELD, GERMANY.

FILE FOR LETTERS, INVOICES, AND THE LIKE.

1,074,805. Specification of Letters Patent. Patented Oct. 7, 1913.

Application filed November 14, 1911. Serial No. 660,277.

To all whom it may concern:

Be it known that I, AUREL MECKEL, a subject of the German Emperor, and resident of Elberfeld, Germany, have invented certain new and useful Improvements in Files for Letters, Invoices, and the like, of which the following is a specification.

The present invention relates to a file for filing letters, invoices and the like.

The file consists of loose leaves joined together in form of a book and secured to a bottom which has four partly creased flaps, of which two or four carry a locking device. The leaves are indexed on the right hand side with the letters of the alphabet or with numbers and are joined together at the left side in an accordeon-like fashion. The top leaf is ruled as a general index.

In the accompanying drawing the invention is exemplified in a constructional form. Figure 1 is the file seen from above, with all four flaps opened. Fig. 2 is a side elevation with 2 flaps closed. Fig. 3 shows the arrangement of the leaves on an enlarged scale. Fig. 4 is the file opened in side elevation. Fig. 5 is the file seen from above with the flaps closed.

The file consists of a stack or plurality of leaves *a*, which are joined together on one side by a bellows-like joint so as to form a book between the leaves of which letters, invoices and the like may be filed. This joint, as shown in the drawings, is made by folding each leaf parallel to its edge three times, each fold being in the same direction, thus providing an outwardly projecting V-shaped portion *h* and an inwardly projecting flap *i*, which flap is glued or otherwise suitably attached to the top of the lower adjacent leaf. In this way, a flexible or bellows-like joint is provided which permits the leaves to be separated from one another without losing their parallelism to accommodate a greater or less number of papers filed between said leaves. The maximum separation of the leaves which may thus be had is, of course, determined by the width of the two parts of the V-shaped portion *h*. As the leaves separate from one another, this V-shaped portion opens up until finally its parts are substantially alined vertically with one another. The leaves are indexed in the usual manner with the letters of the alphabet and the top leaf is ruled with lines *g* for indexing purposes. The lowermost leaf *a* is attached to a relatively stiffer bottom *b*, which may be made in one or several pieces and is provided with flaps *c* at the four sides thereof, which flaps are folded over the stack in opposite pairs so as to constitute with the bottom *b* a cover for said stack. Instead of having these flaps *c* on all four sides, they may be used only on one pair of opposite sides. To hold the flaps in place, when closed, and the file locked, a button *d* is provided on one flap while the opposite flap is provided with coöperating holes *e*, which holes end in narrower slots through which said button cannot pass. Or locking members, as described, may be placed on both pairs of opposite flaps where four flaps are used. At the places where the button and the holes are arranged, the flaps are reinforced by pieces of a stronger material *f* pasted under them.

I claim:

1. As a new article of manufacture, a file for letters or the like comprising a stack of leaves, each leaf having an edge folded parallel to itself more than twice and so as to provide an inwardly projecting flap which flap is attached to the top of the lower adjacent leaf so that the leaves may be separated without losing their parallelism, a relatively stiff bottom for said stack provided with a partially creased flap at each of the four sides thereof, said flaps being adapted to fold over so as to constitute, with said bottom, a cover for said stack, and locking devices attached to two opposite flaps for holding said cover closed.

2. As a new article of manufacture, a file for letters and the like comprising a stack of leaves, flexible bellows-like joints between said leaves for attaching them to one another, each joint being formed by folding the edge of a given leaf parallel to itself and in the same direction three times so as to provide an inwardly projecting flap, which flap is attached to the top edge of the lower adjacent leaf so that the leaves may be separated without losing their parallelism, a

relatively stiff bottom for said stack provided with a partially creased flap at each of the four sides thereof, said flaps being adapted to fold over so as to constitute, with said bottom, a cover for said stack, and locking devices attached to two opposite flaps for holding said cover closed.

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

AUREL MECKEL. [L. S.]

Witnesses:
HELEN NUFER,
ALBERT NUFER.