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 FILE, TEMPORARY BINDER, LOOSE LEAF BOOK, AND THE LIKE.
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1,000,649.

Patented Aug. 15, 1911.

Fig. 1.

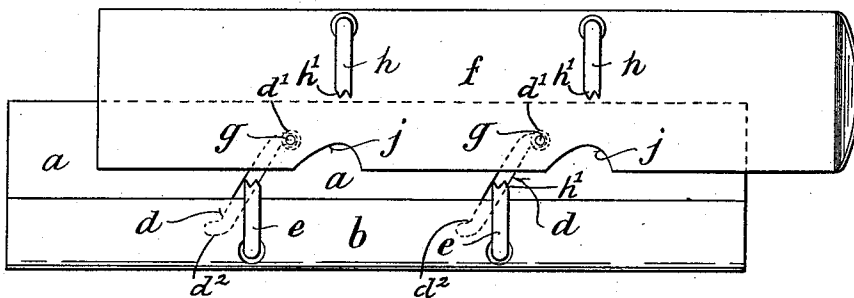


Fig. 2.

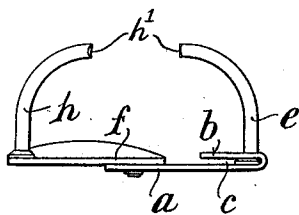
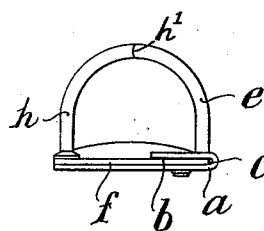


Fig. 3.



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UNITED STATES PATENT OFFICE.

JOHN WALKER, JR., OF LONDON, ENGLAND.

FILE, TEMPORARY BINDER, LOOSE-LEAF BOOK, AND THE LIKE.

1,000,649.

Specification of Letters Patent. Patented Aug. 15, 1911.

Application filed November 25, 1910. Serial No. 593,999.

To all whom it may concern:

Be it known that I, JOHN WALKER, JR., of Farringdon House, Warwick Lane, London, England, manufacturer, have invented
5 certain new and useful Improvements in and Relating to Files, Temporary Binders, Loose-Leaf Books, and the Like, of which the following is a specification.

This invention relates to files, temporary
10 binders, loose leaf books, and the like, of the type comprising two plates, of which one is adapted to slide upon the other, two or more prongs disposed on one and adapted to mate with similar prongs on the other,
15 when the file is in its closed or normal position, and pins on one plate adapted to travel in slots in the other and to coact therewith when one plate is slid in relation to the other.

In accordance with this invention the plate which is attached to the file, book or binder is bent over to form a groove in which the edge of the other plate lies when the parts are in the closed position; the effect of this improvement is to keep the papers or loose leaves from pressing on the sliding plate and getting caught or cut thereby.

Referring to the drawings:—Figure 1 is a plan of one form of file made in accordance with this invention in the open position; Fig. 2 is an end view; Fig. 3 is a similar view to Fig. 2 in the closed position.

In the form shown in the drawings, the
35 plate *a* which is fixed to the file, book or binder, is flanged or bent over on itself at *b* so as to form a groove *c* along one edge of the said plate. The under plate *a* is provided with slots *d* and with filing prongs
40 *e* which pass through the bent over part *b*. The sliding plate *f* is provided with pins *g* which engage and travel in the slots *d* of the fixed plate *a* and with filing prongs *h* which are adapted to mate with the
45 prongs *e* on the fixed plate *a*. The upper plate *f* is cut away at *j* to allow the upper plate *f* to pass the prongs *e*. The slots *d* are inclined to the longitudinal edges of the plates for a part of their length. These

slots terminate with short lengths *d'* *d''* 50 which are parallel to the longitudinal edges of the plate. The prongs are provided with vertical serrations *h'*.

In use the file is in its normal or closed position, one edge *k* of the sliding plate *f* 55 being tucked under the folded over part *b* of the fixed plate *a* and the loose leaves or papers rest on the folded over part of the fixed plate and are kept away from the sliding plate *f* and prevented from being 60 caught or cut thereby.

In the closed position the pins *g* rest in that part of the slots *d'* which are parallel to the longitudinal edges of the plate, and the vertical serrations on the prongs of one 65 plate engage with the vertical serrations on the prongs of the other plate whereby the two plates are locked together, the lock being rendered more efficient by one plate lying in the groove formed by the turned over 70 edge of the other plate. In the open position the mating prongs on one plate are out of alinement with the mating prongs of the other plate.

What I claim and desire to secure by 75 Letters Patent is:—

1. A loose leaf file or binder comprising the combination of a plate bent over to form a groove, a plurality of mating prongs fixed to said plate, a second plate, a plural- 80 ity of mating prongs fixed to the second plate, slots in one of the plates, studs in the other plate adapted to travel in said slots, said slots being inclined to the longitudinal edges of the plate for a part of their length, 85 and parallel therewith for a part of their length, and vertical serrations on the mating prongs.

2. A loose-leaf file or binder comprising a sheet metal plate bent over upon itself to form an overhanging flange, and having a plurality of mating prongs fixed thereto, a second plate adapted to project under said overhanging flange having a plurality of mating prongs affixed thereto adapted to 95 coöperate with the mating prongs on the other plate, and a sliding connection between said plates whereby said prongs may

be brought into and out of coöperative relation, said connection comprising slots in one of said plates and studs projecting into said slots on the other of said plates, said
5 slots having portions parallel with the longitudinal edges of the plates.

In witness whereof, I have hereunto

signed my name in the presence of two subscribing witnesses.

JOHN WALKER, JR.

Witnesses:

JOHN VAUGHAN,

ROBERT MILTON SPEARPOINT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
