

970,989.

Patented Sept. 20, 1910.

Fig. 1.

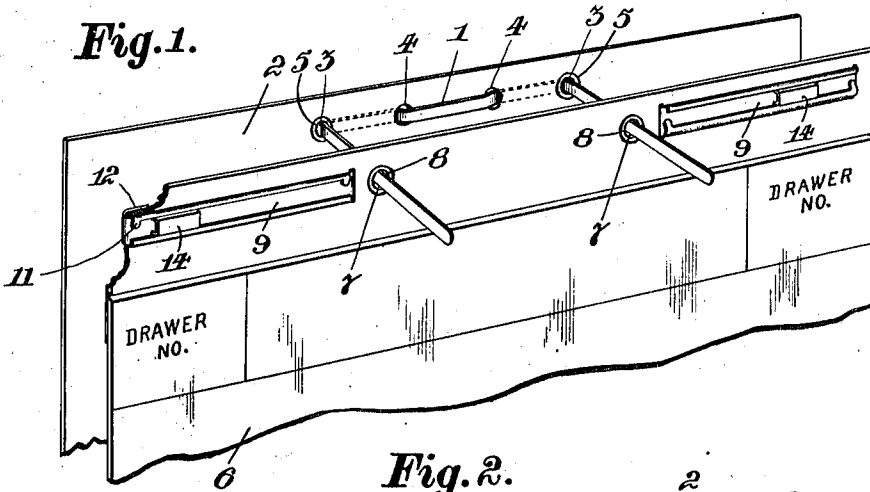


Fig. 2.

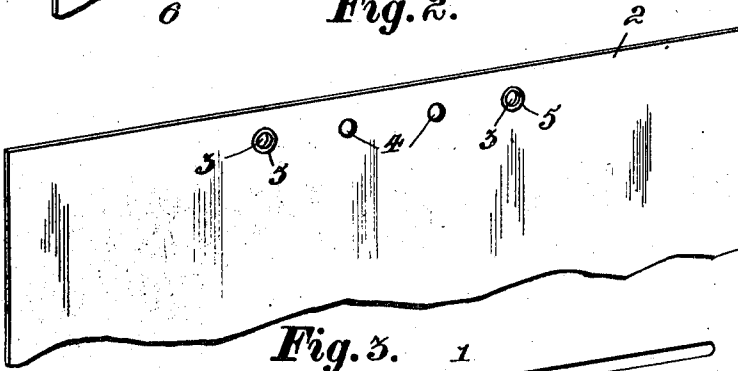


Fig. 3.

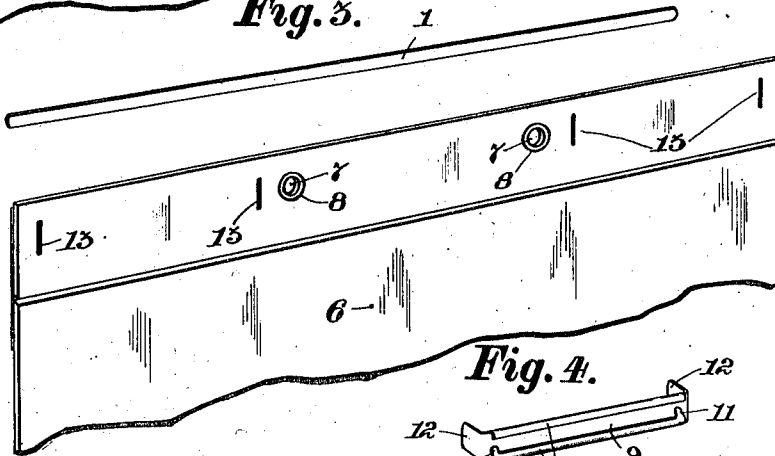


Fig. 4.



Fig. 5.



Witnesses.

H. Davis

P. Lhee

Inventor.

A. G. Clarke

By

E. H. Heston
Atty.

UNITED STATES PATENT OFFICE.

ALBERT GEORGE CLARKE, OF MONTREAL, QUEBEC, CANADA.

DOCUMENT-FILE.

970,989.

Specification of Letters Patent. Patented Sept. 20, 1910.

Application filed April 20, 1910. Serial No. 556,490.

To all whom it may concern:

Be it known that I, ALBERT GEORGE CLARKE, resident of 171 Christopher Columbus street, in the city and district of Montreal, in the Province of Quebec, in the Dominion of Canada, a subject of the King of Great Britain, have invented certain new and useful Improvements in Document-Files; and I do hereby declare that the following is a full, clear, and exact description of the same.

The invention relates to improvements in document files, as described in the present specification and illustrated in the accompanying drawings that form part of the same.

The invention consists essentially in the novel arrangement and construction of the post members and means for locking the same.

The objects of the invention are to devise a file which will enable the user to keep the cover portion tightly down on the letters filed, at all times, to facilitate the renewal of the posts of the file, and generally to provide a simple, cheap and convenient office device.

In the drawings, Figure 1 is a perspective view of the upper portion of the file showing a cover standing out from the back and the posts extending through the cover. Fig. 2 is a perspective detail of the upper portion of the back. Fig. 3 is a perspective detail of the flexible bar of metal forming the posts. Fig. 4 is a perspective detail of the upper portion of the cover. Fig. 5 is a perspective detail showing the locking bars and catch.

Like numerals of reference indicate corresponding parts in each figure.

Referring to the drawings, 1 is a bar of flexible metal forming the posts of the file.

2 is the back of the file having the pair of holes 3 through which the posts extend and a pair of holes 4 through which said post bar 1 is threaded to retain it in position.

5 are eyelets protecting the edges of the holes 3.

It will be seen that the bar of metal 1 is first inserted through one of the holes 3 and then threaded through the holes 4 and the

other hole 3, the ends of said bar 1 extending outwardly from the back 2 forming flexible posts to said file.

6 is the cover corresponding in dimensions to the back 2 and having the post holes 7 in alinement with the holes 3, the ends of said post bar 1 extending through said holes 7, the letters or documents being contained between said back 2 and said cover 6.

8 are eyelets protecting the edges of the holes 7.

9 are channeled locking bars having their flanges 10 extending inwardly and the stop lugs 11 extending farther inwardly in the ends of one of their flanges.

12 are tongues at the ends of said locking bars extending through the slits 13 for clamping said bars to said cover.

14 are catches having the flanges 15 extending under the flanges 10 and sliding in said locking bar and stopped at each end by the lugs 11.

In the operation of this file, the letters are perforated as usual with a common perforating machine and placed on the posts formed by the post bar 1, these posts extending in a straight outward direction from the back 2, the cover is then placed on the posts on top of the letters and the posts bent downwardly and are run into the locking bars 9 under the flanges 10, the catches are then slid over the ends of the posts and firmly secure said posts in said locking bars and hold the letters firmly between the cover and the back.

What I claim as my invention is:

In a document file, a back having a pair of holes suitably spaced and eyelets protecting the edges of said post holes and a pair of holes arranged between said post holes, a bar of flexible metal inserted through one of said post holes and threaded through the central holes and through the other post hole extending outwardly from said post holes at each end forming document filing posts, a cover having corresponding post holes and eyelets protecting the edges of said post holes and adapted to fit on said post ends of the flexible bar and locking bars of channel formation having the longitudinal flanges thereof at each side inwardly

turned and lugs projecting inwardly from
the end of said flanges, and catches having
lateral flanges extending under the flanges
of said locking bars and adapted to slide
5 over the post ends of said flexible bar and
lock the same in said channeled bars.

Signed at the city and district of Mont-

real, Quebec, Canada, this 16th day of April,
1910.

ALBERT GEORGE CLARKE.

Witnesses:

G. H. TRESIDDER,

P. SHEE.