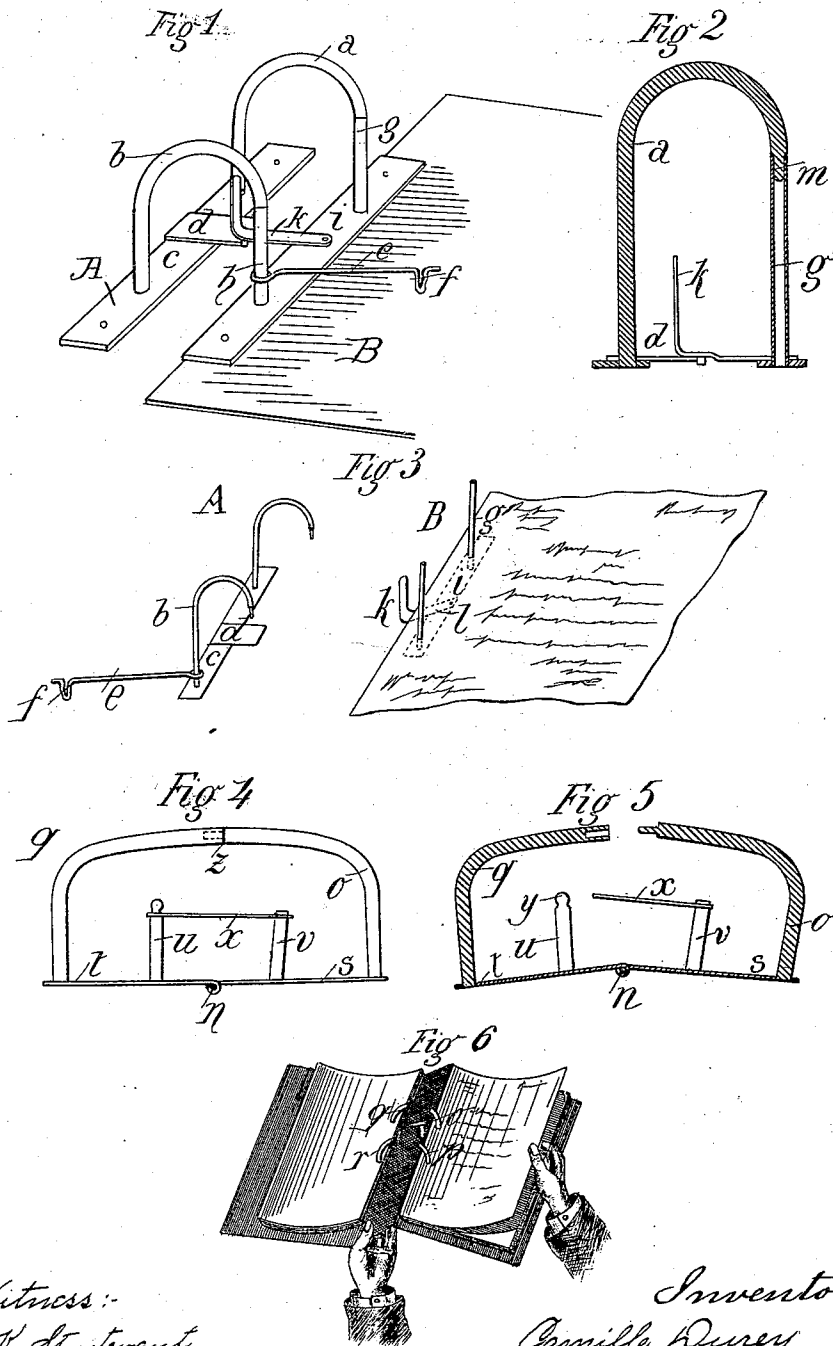


(No Model.)

C. DUREY.
FILE.

No. 550,164.

Patented Nov. 19, 1895.



Witness:-
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UNITED STATES PATENT OFFICE.

CAMILLE DUREY, OF PARIS, FRANCE.

FILE.

SPECIFICATION forming part of Letters Patent No. 550,164, dated November 19, 1895.

Application filed December 22, 1894. Serial No. 532,653. (No model.) Patented in France April 30, 1894, No. 238,163.

To all whom it may concern:

Be it known that I, CAMILLE DUREY, a citizen of the Republic of France, residing at 17 and 19 Rue le Brun, Paris, France, have invented a certain new and useful Improvement in Files, (which has been patented in France, No. 238,163, dated April 30, 1894,) of which the following is a specification.

The present invention relates to improved devices for easily and rapidly filing letters, bills, &c.

Figure 1 shows a perspective view. Fig. 2 is a transverse sectional view. Fig. 3 shows the two principal parts separated. Figs. 4, 5, and 6 show views of a modification.

My apparatus consists of two distinct parts, one of which A is movable and can be removed whenever desired. The other part B is rigidly fixed upon a pasteboard base. The movable part consists of two curved rods *a b*, fixed upon a cross-bar *c*, that carries a small projecting piece *d*. The free extremities of the rods *a b* are reduced to fit into the ends of the rods *g h* of the part B. The fixed or rigid part B consists of two vertical hollow rods *g h* upon a cross-bar *i*, upon which is arranged a piece *k*, pivoted at *l*.

The part B is rigidly fixed upon one of the sides of a piece of pasteboard *x*, Fig. 1. The extremities of the rods *a b* are then placed, respectively, in the tubes *g h*, as can be seen in Fig. 1. The locking-piece *k* is then brought into engagement with the projecting piece *d*. In this way the two parts A and B are rigidly united.

It will be noticed that the engagement of the parts *a b g h* will prevent the separation horizontally of the parts A and B, while the piece *d*, projecting under the locking-piece *k*, will prevent the vertical movement of the part A in relation to the part B.

By means of a perforator I make two holes in the edge of the paper to be filed, the distance between the holes being equal to that between the center of the rod *g* and the center of the rod *h*. Then as the part A is separated from the part B, as indicated in Fig. 3, I introduce the two pivots *g h* in the holes of the paper. I then unite the part A with the part B by introducing the free extremity of the rods *a b* in the corresponding openings of the rods *g h*, and I place the piece *k* upon the

projecting piece *d*, as shown in Fig. 1. It will be easily understood that by so doing a considerable number of papers can be filed the one upon the other. The rod *e* serves for holding the same together by being laid across the same, the buckle *f* engaging the rod *g*, (see Fig. 1;) or the rod may be pivoted to the part *b*, as in Fig. 3. If, on the contrary, it is desired to separate the filed sheets, it will be sufficient to remove the buckle *f* from the rod *g*, which can then be raised and slipped around the rod *b*. If it is desired to withdraw one or more sheets, the operation is very simple. The locking-piece *k* is first turned so as to release the projection *d*, and the movable part A is removed. The extremities of the pivots *g h* being thus free, it will be very easy to remove the sheets it is desired to.

I would remark that my apparatus is constructed so that the point of junction *m*, Fig. 2, between the movable and fixed rods does not present the least projection, so that the sheets of paper cannot be torn.

One of the characteristic points of my file is that as the locking-piece *k* is placed between the two parts of the filed sheets when the file is open (and that there are sheets at the right and sheets at the left) it will be possible to open and close the apparatus without injury to the sheets. Instead of using only two curved rods *a b*, corresponding to two rods or tubes *g h*, I may use three, four, or more similar rods. Finally, the curving of the rods *a* and *b* (indicated in said drawings) can be modified at pleasure. In the arrangement shown in Figs. 4 to 6 both parts of the apparatus are fixed upon the hook-shaped pasteboard cover and are connected by means of a hinge *n*. In this case the binder is composed of two or more rods *o p*, Fig. 6, fixed upon the plate *s* and having their extremities made somewhat thinner in order to penetrate in corresponding openings in the rods *q z*, also fixed upon the plate *t*. A rod *v* is placed upon the piece *s*, and at its upper extremity it is provided with a pivoted hook *x*, the end catching around the grooved end *y* of the piece *u*, mounted upon the plate *t*. In this arrangement, as in that which I have previously described, each of the rods is made so that there will be no projection at the point of junction Z in order not to tear the pieces of

paper. In this form I first punch two holes in the edge of the paper to be filed a proper distance apart, and the two parts of the apparatus being separated, Fig. 5, the rods *o p* are introduced in the holes punched in the sheets of paper. After this the two separated parts are connected again, (see Fig. 4,) and in order to prevent separation the hook *x* is placed in the groove of the rod *u*. A transverse rod identical with the piece *e* may also be used. With the aid of the above-described apparatus it will be easy to file all kinds of papers, as letters, bills, &c. When together, it will be very easy to read them, and, if desired, to remove some or all of them very readily.

I claim—

1. In combination, in a file for letters and the like the two plates, the engaging rods thereon and the horizontally swinging lock-

ing piece for holding the two plates in engagement, said locking piece being pivoted to one plate and engaging a projection on the other part, substantially as described.

2. In combination in a file for letters and the like, the two plates, the rods thereon arranged to engage each other and to hold the letters, said rods by their engagement connecting the plates against horizontal separation and the horizontally swinging locking piece on one plate and a projection on the other plate to be engaged thereby.

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

CAMILLE DUREY.

Witnesses:

EMILY BESTED,
CLYDE SHROPSHIRE.