

No. 799,788.

PATENTED SEPT. 19, 1905.

C. A. GRÜNEWALD.

LETTER FILE.

APPLICATION FILED MAR. 31, 1905.

Fig:1.

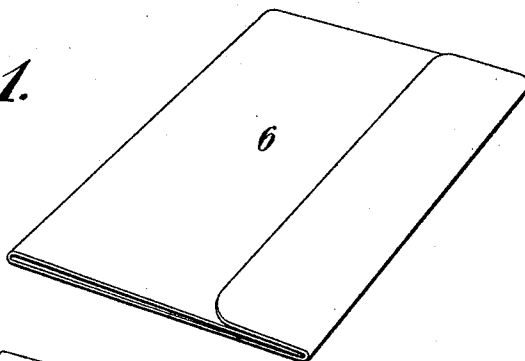


Fig:2.

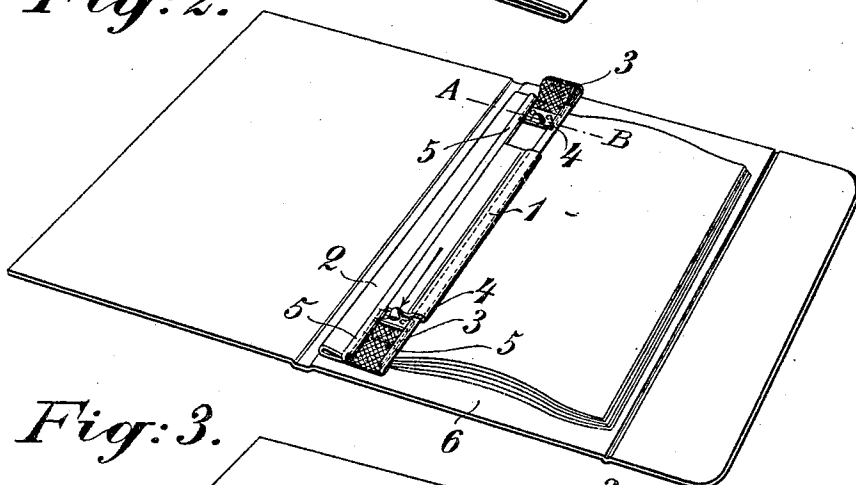


Fig:3.

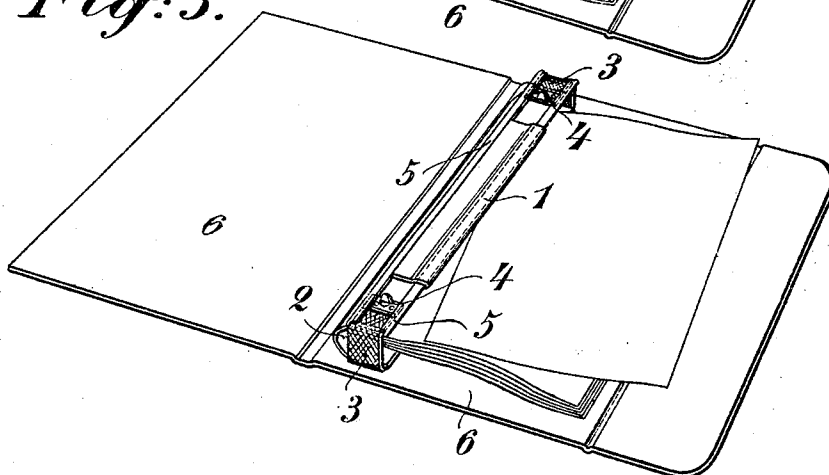
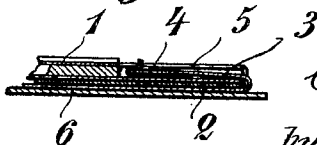


Fig:4.



Witnesses:
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Inventor:

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UNITED STATES PATENT OFFICE.

CARL ALOYS GRÜNEWALD, OF HANOVER, GERMANY.

LETTER-FILE.

No. 799,788.

Specification of Letters Patent.

Patented Sept. 19, 1905.

Application filed March 31, 1905. Serial No. 253,014.

To all whom it may concern:

Be it known that I, CARL ALOYS GRÜNEWALD, a subject of the German Emperor, residing at Hanover, Germany, have invented
5 new and useful Improvements in Letter-Files, of which the following is a specification.

This invention relates to a file by which papers may be secured in an effectual manner without being perforated and from which
10 they may also be readily withdrawn.

In the accompanying drawings, Figure 1 is a perspective view of my improved file, showing it closed. Fig. 2 is a similar view, partly broken away, showing it open. Fig. 3 is a
15 view similar to Fig. 2, showing the parts in a different position; and Fig. 4 is a cross-section on line A B of Fig. 2.

The numeral 6 indicates the cover of the file, to which is secured a longitudinal folded
20 strip 2, that constitutes a pocket. The upper flap of this strip is provided with a clamp-bar 1 and a pair of guide-rails 5. The latter are engaged by a pair of slides 4, attached to the upper ends of flexible strips or bands 3, that
25 encompass the ends of pocket 2 and are attached at their lower ends to cover 6.

In use the slides 4 are pushed outward, Fig.

3, the papers are introduced into open pocket 2, and then the slides are pushed inward to close the pocket and confine the papers in position, Fig. 2. The frictional engagement
30 between the slides 4 and rails 5 should be such that the slides will be retained in any position to which they have been set.

Having now fully described my invention,
35 what I claim as new, and desire to secure by Letters Patent, is—

1. A file composed of a cover, a strip secured thereto, a guide on the strip, slides engaging the guide, and means for connecting
40 the slides to the cover, substantially as specified.

2. A file composed of a cover, a pocket secured thereto, a clamping-bar and guide-rails on the pocket, flexible bands embracing the
45 ends of the pocket, and slides secured to said bands and engaging the guide-rails, substantially as specified.

Signed by me at Düsseldorf, Germany, this
16th day of March, 1905.

CARL ALOYS GRÜNEWALD.

Witnesses:

WILLIAM ESSENWEIN,
PETER LIEBER.