

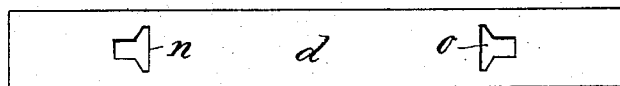
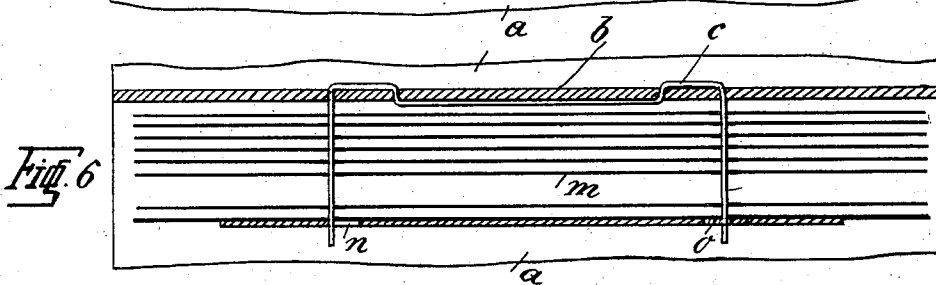
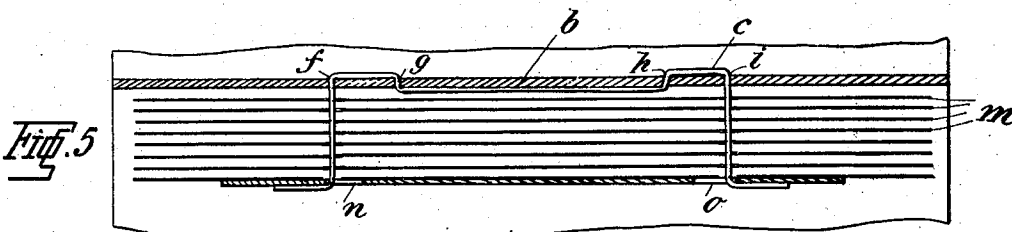
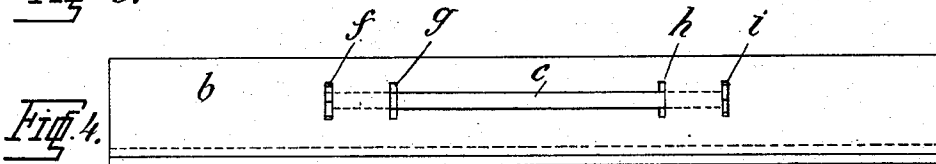
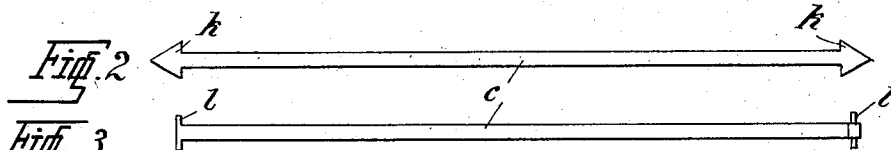
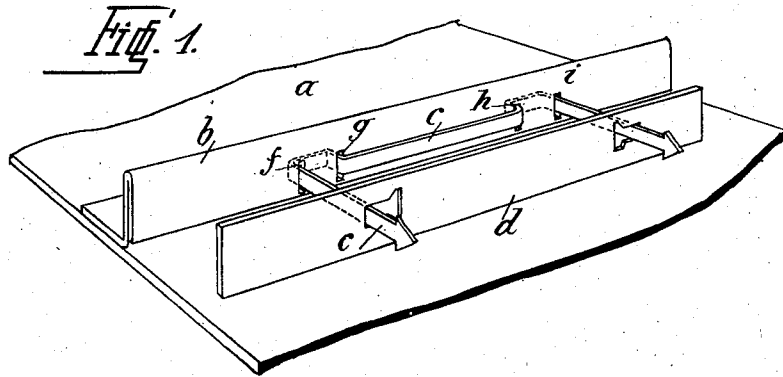
No. 739,332.

PATENTED SEPT. 22, 1903.

P. MELZER.  
PAPER FILE.

APPLICATION FILED NOV. 13, 1902.

NO MODEL.



Witnesses:  
Fritz Isler.  
Paul Nussli.

*Fig. 7.*

Inventor:  
Paul Melzer  
by *John H. Muel*  
Attorney

# UNITED STATES PATENT OFFICE.

PAUL MELZER, OF BERLIN, GERMANY.

## PAPER-FILE.

SPECIFICATION forming part of Letters Patent No. 739,332, dated September 22, 1903.

Application filed November 13, 1902. Serial No. 131,220. (No model.)

*To all whom it may concern:*

Be it known that I, PAUL MELZER, engineer, a subject of the German Emperor, and a resident of Berlin, Germany, have invented new and useful Improvements in Paper-Files, of which the following is a specification.

The invention relates to flat-paper files used as temporary binders in which the sheets are secured at their edge by a holding device. The construction of this holding device is improved in such a manner that the filed papers can be lifted within the file so as to make any of the filed documents visible up to the left-hand edge without necessitating the removal of the superposed papers from the file.

In the accompanying drawings the improved paper-file is shown.

Figure 1 is a perspective view of the opened holding device without papers, parts of the cover being broken away. Fig. 2 shows the fastening-band in a ground plan. Fig. 3 shows in a ground plan a fastening-band in a modified construction. Fig. 4 is a side view of the holding-strip with the fastening-band inserted. Fig. 5 is a longitudinal section through the improved paper-file with papers inserted. Fig. 6 is the same view as Fig. 5 with parts of the filed papers lifted. Fig. 7 is a ground plan of the cover-plate.

The holding device consists of a holding-strip *b*, a fastening-band *c*, and a cover-plate *d*. The holding-strip *b*, which is suitably made of strong cardboard, is glued or otherwise fixed to the cover *a* beside its middle line, so as to project vertically from the cover if the same is opened. In the holding-strip *b* cross-slots *f g h i* are arranged, which serve for the passage of the fastening-band *c*.

The fastening-band *c* consists of a small band of flexible metal with enlarged heads at both ends. These enlarged heads can either have the form of arrow-heads *k*, as shown in Fig. 2, or of cross-bolts *l*, as shown in Fig. 3. The cross-slots in the holding-strip *b* are of sufficient width to allow the passage of the enlarged heads of the fastening-band. The outer slots *f i* of the holding-strip *b* correspond in size and position to the slots to be punched through the papers or documents *m* to be filed.

The cover-plate *d* can be made of any suitable strong material, such as thin sheet metal or the like. In the cover-plate *d* two longi-

tudinal slots *n o* are provided, the outer edge of which corresponds in position with the outer edge of the outer slots *f i* of the holding-strip *b*. The longitudinal slots *n o* in the cover-plate *d* are so small that they allow the passage of the band *c*, but not of the enlarged heads of the same. The longitudinal slots *n o* are enlarged at their inner ends, so that at these ends the enlarged heads of the fastening-band can pass.

The improved device for paper-files is used as follows: The fastening-band *c* is inserted in the holding-strip in such a manner that its enlarged heads are passed first through the slots *g h* from the outer surface of the holding-strip and then back through the slots *f i*, so that the ends of the fastening-band project from the outer surface of the holding-strip *b*. The papers or documents to be filed are punched in the well-known manner and filed on the projecting ends of the fastening-band. Then the filed documents are secured in their position by the cover-plate *d*, which is now put over the projecting ends of the fastening-band, for which purpose the ends of the fastening-band are bent inwardly, so that the enlarged heads can pass through the enlargements at the inner ends of the longitudinal slots *n o* of the cover-plate *d*. When the ends of the fastening-band *c* are released, the bands, being elastic, straighten themselves and abut against the outer edges of the longitudinal slots *n o*. The cover-plate *d* is now pressed on the filed documents, and the ends of the fastening-band *c* are bent outward and flattened on the cover-plate *d*. If one wishes to read one of the filed papers, the ends of the fastening-band *c* are straightened and the superposed papers, together with the cover-plate, are lifted. The enlarged heads of the fastening-band will prevent the papers and cover-plate from getting off the band *c*.

I claim—

Improved holding device for flat-paper files, comprising in combination, the holding-strip fixed beside the vertical middle line of the cover, four cross-slots in said holding-strip, the outer two corresponding in position with the slots to be punched in the documents to be filed, a fastening-band of flexible metal with enlarged heads at both ends, a cover-plate of thin sheet metal, two longitudinal

slots in said cover-plate, the outer edges of which correspond in position with the outer edges of the outer cross-slots in the holding-strip, said longitudinal slots being smaller  
5 than the cross-slots in the holding-strip so as to prevent the passage of the enlarged heads of the fastening-band, and enlargements at the inner ends of said longitudinal slots for the passage of the enlarged heads of the fas-

tening-band, substantially as described and 10 shown and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

PAUL MELZER.

Witnesses:

WOLDEMAR HAUPT,  
HENRY HASPER.