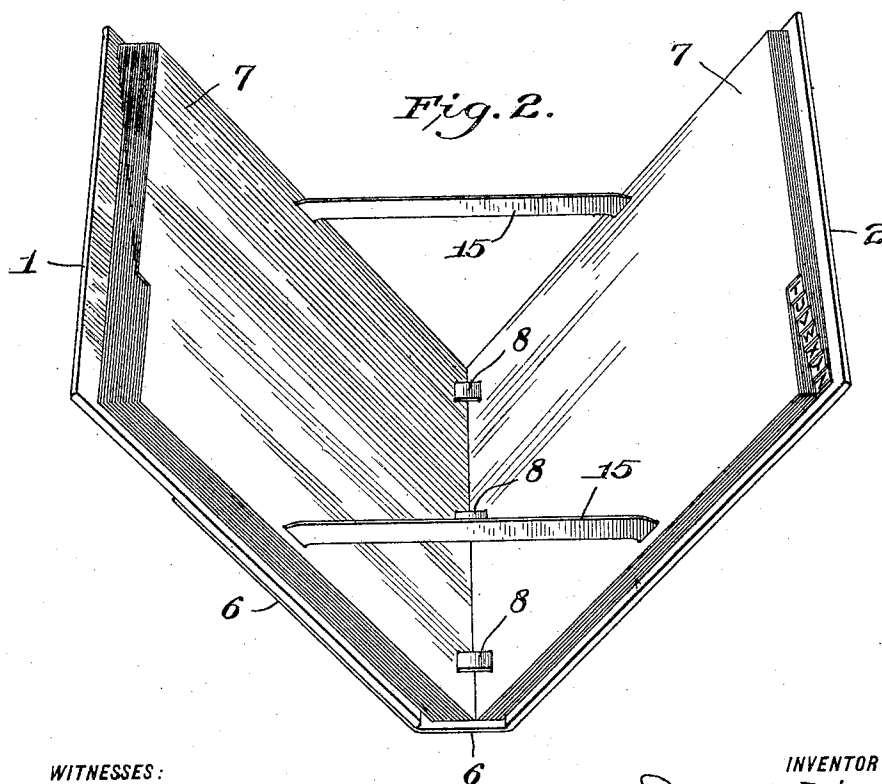
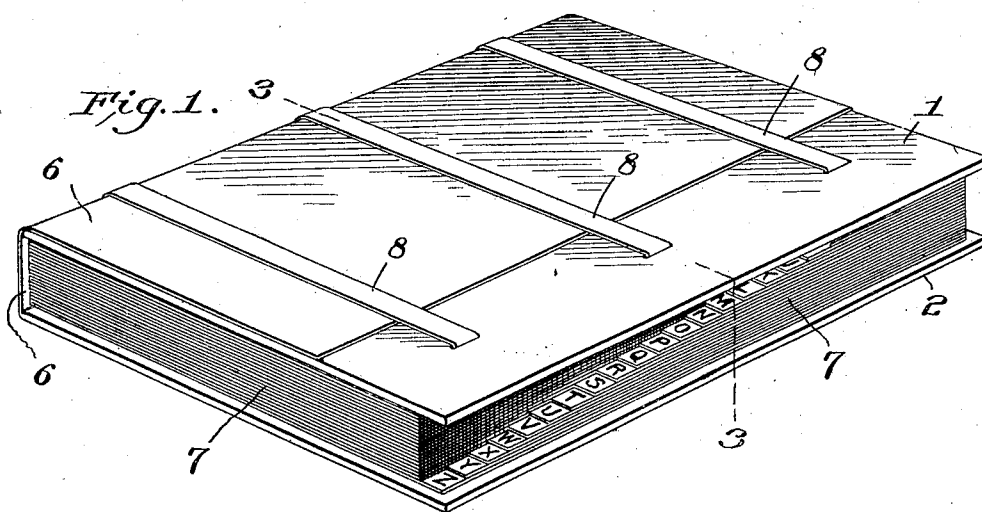


No. 836,956.

PATENTED NOV. 27, 1906.

P. W. ZIEGLER.
DOCUMENT FILE.
APPLICATION FILED DEC. 29, 1904.

2 SHEETS—SHEET 1.



WITNESSES:

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2 SHEETS—SHEET 2.

Fig. 3.

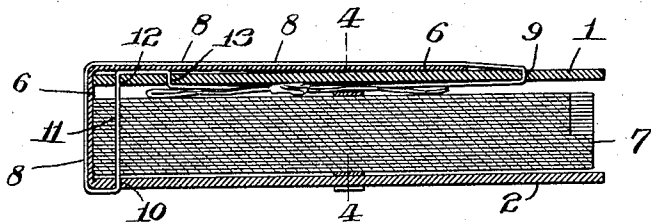


Fig. 4.

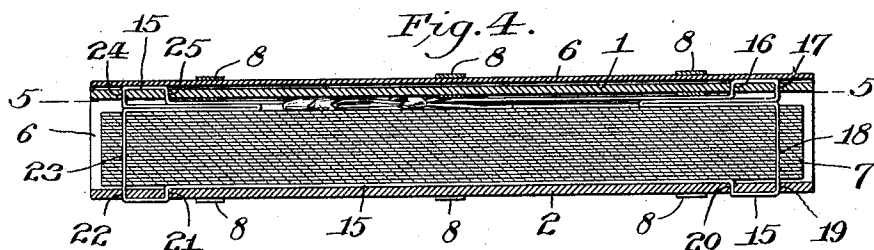
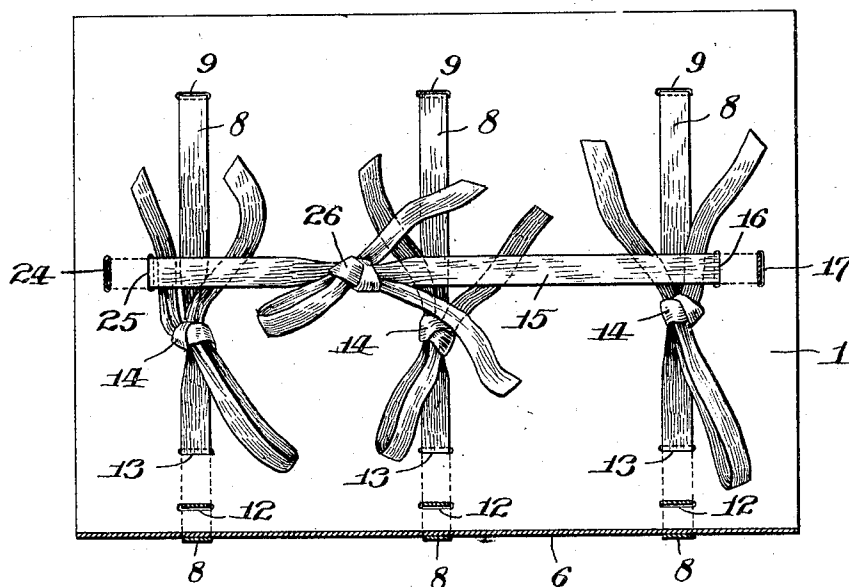


Fig. 5.



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UNITED STATES PATENT OFFICE.

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DOCUMENT-FILE.

No. 836,956.

Specification of Letters Patent.

Patented Nov. 27, 1906.

Application filed December 29, 1904. Serial No. 238,706.

To all whom it may concern:

Be it known that I, PETER W. ZIEGLER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Document-Files, of which the following is a specification.

This invention relates to document-files, and has for its object to provide a simple, inexpensive, and efficient construction and organization of parts whereby access may be readily had to the documents on file and whereby the file may be quickly adjusted to provide greater or less filing-space, according to the number of documents to be contained therein.

Having this object in view, the invention consists in the novel construction and combinations of parts, which will be hereinafter fully described and claimed.

In the drawings, Figure 1 is a perspective view of my improved file as in the closed position. Fig. 2 is a similar view as in the open position. Fig. 3 is a sectional view as on the line 3 3 of Fig. 1. Fig. 4 is a sectional view as on the line 4 4 of Fig. 3. Fig. 5 is a sectional view, as on the line 5 5 of Fig. 4.

1 and 2 designate the two side covers, and 6 the flexible back. Arranged between the side covers is a series of leaves or spacers 7, which are secured together near their rearward edges and to the side covers 1 and 2 and back 6 by tapes 8 in a manner to permit the side covers and leaves or spacers to be opened like a book for the insertion between the leaves or spacers of the documents to be filed.

The leaves or spacers 7 are notched or offset in a manner to expose a portion of each leaf as they lie close together, and the leaves are alphabetically arranged and their exposed portions lettered, as shown in Figs. 1 and 2, whereby each document may be filed within the proper space according to its letter, as is common and well known.

The tapes 8 not only hold the parts together, as described, but they provide a means whereby the side covers 1 and 2 and leaves 7 may be adjusted toward or from each other, and thus provide increased or decreased filing-space, as desired and as will presently appear.

The flexible back is formed on or secured to the rearward edge of the side cover 2, and it extends across the back of the file and along the outer face of the side cover 1, to the

end that when the side covers are adjusted toward or from each other the back may be adjusted to extend straight across the back of the file and accommodate itself to the increased or decreased space between the side covers.

The tapes 8 are designed and arranged to hold the back 6 and side covers 1 and 2 together and to bind the rearward edges of the leaves or spacers 7 and side covers 1 and 2 together. Each tape 8 extends from a point inside the side cover 1 to and through a perforation 9 in the side cover 1, then over the outer face of the side cover 1 and that portion of the back 6 resting thereagainst, then across the back of the file and a slight distance over the rearward portion of the side cover 2. From this point each tape 8 extends directly through perforations 10, 11, and 12 in the side covers 2, the leaves or spacers 7, and the side cover 1, respectively, then a slight distance over the outer face of the side cover 1 and through a perforation 13 to the inside of the side cover 1, or starting-point, where the two ends of the tape are tied, as at 14, or otherwise united or held in place. Thus it will be seen that the tapes 8 bind the parts together to permit them to be opened like a book and that by untying the tapes the side covers may be adjusted toward or from each other, to increase or decrease the filing-space, as desired.

In order to limit the distance to which the side covers may be moved apart, I provide a tape 15, which also serves to prevent endwise displacement of the documents within the file. This tape extends from a point inside the side cover 1 to and through a perforation 16 in the side cover 1, then through perforations 17, 18, and 19 in the side cover 1, the leaves or spacers 7, and the side cover 2, respectively, near one end of the file. The tape 15 then extends through a perforation 20 to and along the inside of the side cover 2 and out through a perforation 21 to the exterior of the side cover 2. From this point the tape 15 extends through perforations 22, 23, and 24 in the side cover 2, the leaves or spacers 7, and the side cover 1, respectively, near the other end of the file. The tape 15 then extends a slight distance over the outer face of the side cover 1 and through a perforation 25 to the inside of the side cover 1, or starting-point, where the two ends of the tape are tied, as at 26, or otherwise united or held in place. The tape 15 is left sufficiently loose

to permit the file to be opened a predetermined distance, as shown in Fig. 2. When the file is closed, the loose portions of the tape will fold in between the leaves or spacers and one of the side covers or between two of the leaves or spacers; according to the position of the parts when the file is closed. By untying the tape its looseness may be increased or decreased, as desired, to meet the requirements of the various adjustments of the side covers 1 and 2 toward or from each other.

I claim—

1. In a document-file, the combination of the side covers, the spacing members, a tape binding the side covers and spacing members together, and a back extending between said tape and the rearward edges of said members whereby the back is maintained in a position adjacent to the edges of said members.

2. In a document-file, the combination of the side covers, the spacing members, a flexible back secured to one of the side covers and extending into engagement with the other side cover, and a tape binding the side covers and spacing members together and engaging and holding the back in position.

3. In a document-file, the combination of the side covers, the spacing members, the back, and a tape extending through the side covers and spacing members to bind them together and also extending over the outer face of the back to hold it in position.

4. In a document-file, the combination of the two side covers, the spacing members, a tape extending from the inner face of one of the side covers to the outer face thereof, then through the two side covers and spacing members to the outer face of the other side cover and then back to the inner face of the first-named side cover, said tape having its ends adjustably secured in place, and a back extending between said tape and the rearward edges of said members whereby the side covers and spacing members are bound together and the back is maintained in a position adjacent to the edges of said members.

5. In a document-file, the combination of the two side covers, the spacing members, the back, and a tape extending from the inner face of one of the side covers to the outer face thereof, then through the two side covers and spacing members to the outer face of the other side cover and then over the outer

face of said back and back to the inner face of the first-named side cover, said tape having its ends adjustably secured in place.

6. In a document-file, the combination of the two side covers, the spacing members, a flexible back secured to one of the side covers and extending into engagement with the other side cover, and a tape extending from the inner face of the second-named side cover to the outer face thereof, then through the two side covers and spacing members to the outer face of the first-named side covers and then over the outer face of said back and back to the inner face of the first-named side cover, said tape having its ends adjustably secured in place.

7. In a document-file, the combination of the side covers, the spacing members having openings therein, and means for binding them together near their rearward edges to permit the file to be opened like a book and a tape extending through the openings in said members and between the side covers near each end of the file to prevent endwise displacement of the documents.

8. In a document-file, the combination of the side covers, the spacing members having openings therein, and means for binding them together near their rearward edges to permit the file to be opened like a book and a tape extending through the openings in said members and side covers at each end of the file to prevent endwise displacement of the documents, said tape having its ends adjustably secured in place.

9. In a document-file, the combination of the side covers, the spacing members having openings therein, and means for binding them together near their rearward edges to permit the file to be opened like a book and a tape extending longitudinally of the side covers and engaged therewith and extending transversely through the openings in the spacing members near each end of the file to prevent endwise displacement of the documents, said tape having its ends adjustably secured in place.

In testimony whereof I affix my signature in presence of two witnesses.

PETER W. ZIEGLER.

Witnesses:

S. G. DOYLE,
A. V. GROUPE.