G. J. AIGNER.

INDEX TAB.

APPLICATION FILED MAY 14, 1917.

1,346,101.

Patented July 13, 1920.



Fig. 2.

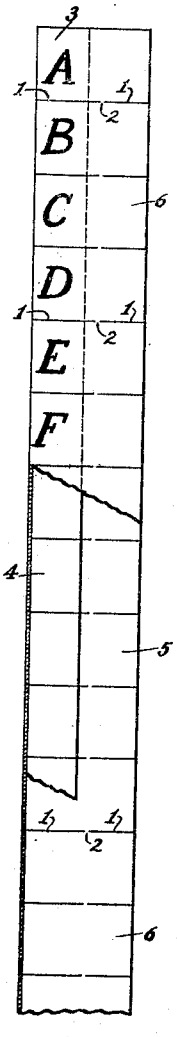


Fig. 1.

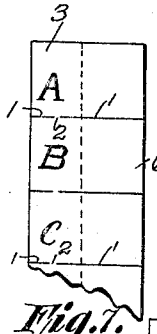


Fig. 7.



Fig. 3.

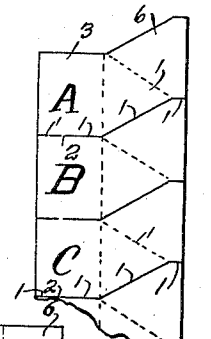


Fig. 8.

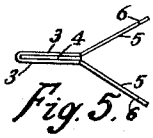


Fig. 5.

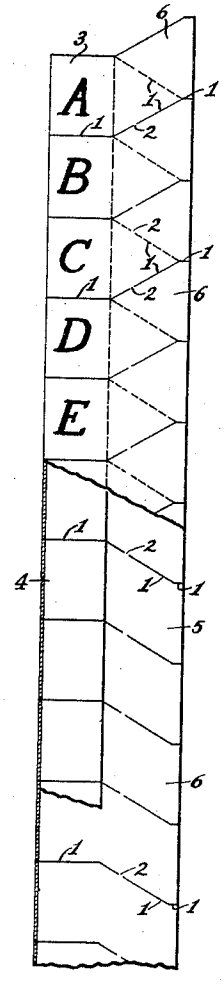


Fig. 4.

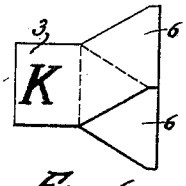


Fig. 6.

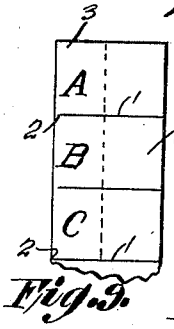


Fig. 9.

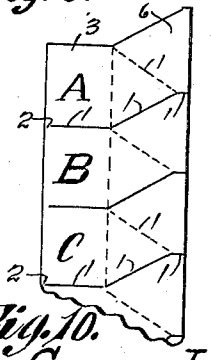


Fig. 10.

WITNESSES:

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INDEX-TAB.

1,346,101. Specification of Letters Patent. Patented July 13, 1920.

Application filed May 14, 1917. Serial No. 168,447.

To all whom it may concern:

Be it known that I, GEORGE J. AIGNER, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Index-Tabs, of which the following is a specification, reference being had to the accompanying drawings illustrating same.

My invention relates to indexes, for use in connection with books, various kinds of letter and card files, loose leaf arrangements, etc. It may, however, be used in various places and adapted for various conditions.

One object of my present invention is to provide improved index tabs as herein set forth.

Another object of my present invention is to provide improved strips of index tabs as herein set forth, constructed so that the single or individual tabs of the strip may be readily and quickly detached therefrom for use, by tearing or twisting the small attachments between the individual tabs, by hand, until they are severed.

Other objects will be apparent from the following specification.

In the accompanying drawings illustrating some of the preferred forms of my invention, Figure 1 is a side elevation of a strip of index tabs of the invention, with portions removed; Fig. 2 is a top end view of the strip of tabs of Fig. 1; Fig. 3 is a side elevation of a single tab taken from a strip of tabs similar to the strip shown in Fig. 1; Fig. 4 is a side elevation of a strip of another form of index tabs of this invention, with portions removed; Fig. 5 is a top end view of the strip of tabs of Fig. 4, showing the attachable ends of the tabs spread apart for moistening so that they may be glued to their proper sheets for use; Fig. 6 is a side elevation of a single tab taken from a strip of tabs similar to the strip shown in Fig. 4; Fig. 7 is a side elevation of a portion of a strip of index tabs of this invention, showing a modified construction thereof; Fig. 8 is a side elevation of a portion of another strip of index tabs of this invention, showing still another modified construction; Fig. 9 is a side elevation of a portion of still another strip of index tabs of this invention, showing still another modified construction; and Fig. 10 is a side elevation of a portion of still another strip of index tabs of this invention, showing still another modified construction.

Like characters refer to like parts in the several figures.

Index tabs in strip form have generally been made with the series of tabs in the form of a continuous strip having no incisions between the various characters on the strip to enable the individual tabs to be readily detached from the strip for use. In other forms of tabs the individual tabs of a set are cut entirely apart from each other and placed loosely in a box. In the former class of tabs it is necessary to employ a pair of scissors, a knife, or some other instrument for cutting the individual tabs apart, and the cutting cannot be uniformly done so that the individual tabs after being cut apart will have a uniform appearance, width, etc.; and in the latter form of tabs it is necessary to sort out the individual tabs of a set of different characters and arrange them in their proper order before gluing them to their respective sheets for use, which consumes considerable time and is a great bother.

In my present invention I have devised an improved tab and strip of tabs which eliminate all of the objectionable features above mentioned. I accomplish this result by cutting the individual tabs A, B, C, D, E, etc., of a strip of tabs, nearly apart from each other, as shown by lines 1 1 which represent cuts in the strips of tabs, but still leave the individual tabs of a strip all connected together by narrow attachment portions 2 2 preferably as shown. These attachment portions 2 2, in the forms of my invention illustrated in the drawings, are preferably between the attachable legs 6 6 for the tabs, away from both the front and rear edges of the strip and back of the filler 4. I may, however, in certain forms of my invention, provide the attachment portions 2 2 in the folded or filled portion of the strip between the characters A, B, C, etc., that is, in the body of the filler 4, as shown in Figs. 7 and 8, or in other forms of my invention I may provide the attachment portions 2 2 at the extreme front edge of the strip, as shown in Figs. 9 and 10. The tabs shown in Figs. 9 and 10 form the subject-matter of my co-pending application Serial No. 178,830, on index tabs, which is a division of the present application.

With the cuts 1 1 between the individual tabs of a strip, providing the small attachments 2 2 between the tabs, the tabs of a set or series are kept in their proper order, thus eliminating the objectionable feature of having to sort them out where they are cut clear apart from each other as above stated. My improved tabs may, however, be readily and quickly separated from each other, by simply tearing or twisting the small attachments 2 2 asunder by hand, thus eliminating the necessity of having to cut the individual tabs apart from each other entirely across the strip as in the tabs above mentioned. The narrow cuts 1 1 compel the portions 2 2 to tear across more nearly in line with the cuts 1 1 when the individual tabs are torn apart, thus giving a better and smoother appearance to the edges of the individual tabs after they are torn apart.

In all of the tabs illustrated, each tab preferably comprises an outside portion 3, which may be of leather, celluloid, paper, canvas, cloth, etc., and an inner portion or filler 4 for stiffening the front portion of the tab, the outside portion 3 being folded over around the inside portion 4, preferably as shown in Figs. 2 and 5, and being suitably glued or cemented thereto to hold the portions 3 4 3 together into a solid body portion. The filler 4 is preferably cemented in place in the long folded portion 3 in the form of a long strip, before the cuts 1 1 between the individual tabs are made. The filler 4 may be of paper, canvas, leather, cloth, or any other suitable material, and I preferably make the filler 4 the same color as the outside portion 3 of the tabs, so as to present a better appearance along the top and bottom edges of the tabs.

The inner surfaces 5 5 of the attachable legs 6 6 of the tabs, back of the filler strip 4, are preferably gummed, so that they may be moistened and glued to their respective sheets very readily. In moistening the surfaces 5 5 of the tabs, the legs 6 6 thereof may be spread apart as shown in Fig. 5 and pressed or rubbed against any suitable moist sponge or other object.

Each of the individual tabs shown in Fig. 4 is constructed as shown in Fig. 6, that is, with one of the attachable legs 6 extending upwardly from the body portion of the tab and the other attachable leg 6 extending downwardly from the body portion of the tab, preferably as shown. This construction is provided so as to reinforce the sheet to which the tab is attached for use, adjacent to the tab, and thus prevent the sheet from tearing in case the tab is twisted or roughly handled in turning the sheet. This construction greatly lengthens the life of usage of the sheets and tabs. I wish it to be understood that I may vary the shape of the legs 6 6 of the tab of Fig. 6 as desired.

The tab-strips of Figs. 7 and 9 are the same as the tab-strip of Fig. 1, except for the location of the small attachments 2 2. The tab-strips of Figs. 8 and 10 are the same as the tab-strip of Fig. 4, except for the location of the small attachments 2 2.

In certain forms of my tabs I may do away with the filler 4 and glue the portions 3 3 of the fold directly to each other, thus providing a stiff solid portion for the front portion of the tabs.

The characters on a set of tabs may be the letters of the alphabet, the numerals, the days of the month, abbreviations for the months, abbreviations for States, names of individuals, companies, etc., or, in fact, anything desired.

I do not wish to limit this invention to all of the particular details herein set forth, as various modifications thereof may be made or utilized without departing from the scope of the appended claim.

The broad idea of connecting the individual tabs of a strip by small severable attachments, is claimed in my United States Reissue Patent No. 14,550, on index tabs, reissued Nov. 19, 1918.

What I claim as my invention is:

A series of index tabs arranged in the form of a strip, each of the tabs having a horizontal body portion composed of a folded portion, and attachment legs for each of the tabs, projecting angularly from the rear end of the horizontal body portion, one upwardly and one downwardly when the tab is attached to a vertically-disposed sheet, the consecutive tabs of the strip being connected together only by narrow attachment portions medially-disposed in relation to the strip, away from the front and rear edges thereof, adapted to be ruptured by a manual manipulation of adjacent tabs.

As inventor of the foregoing I hereunto subscribe my name, at Chicago, Illinois, this 2 day of May, 1917.

GEORGE J. AIGNER.

Witnesses:

Dr. CHAS. F. STOTZ,

HENRIETTA AIGNER.