C. F. BRENNE.

INDEX TAB.

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1,424,338.

Patented Aug. 1, 1922.

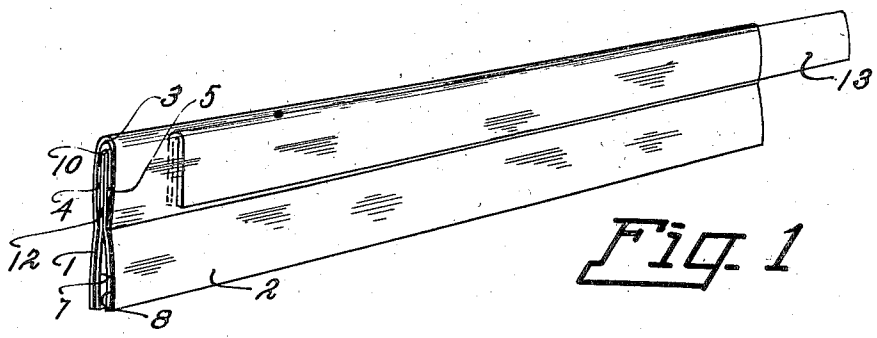


Fig. 1

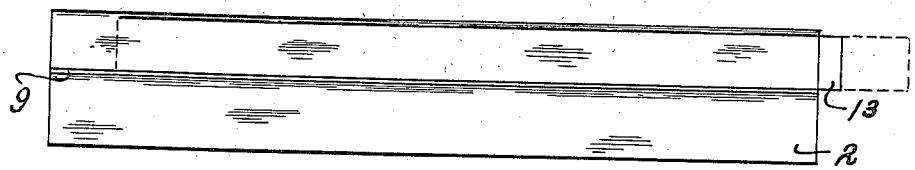


Fig 2

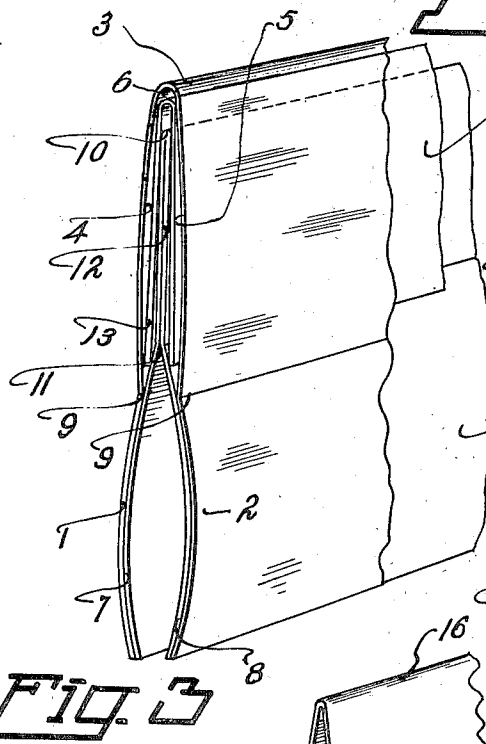


Fig. 3

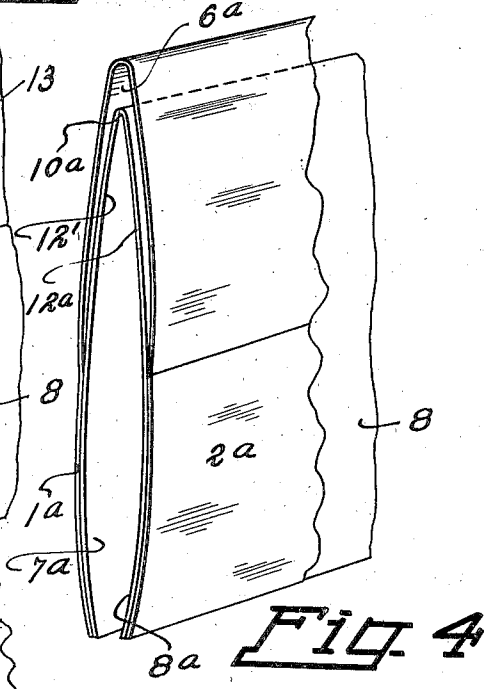


Fig. 4

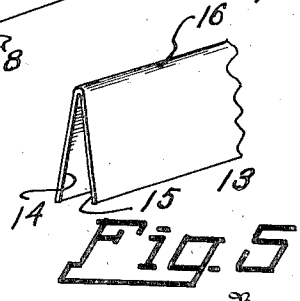


Fig. 5

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INDEX TAB.

1,424,338. Specification of Letters Patent. Patented Aug. 1, 1922.

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To all whom it may concern:

Be it known that I, CARL F. BRENNE, a citizen of the United States, residing at Yakima, in the county of Yakima and State of Washington, have invented certain new and useful Improvements in Index Tabs, of which the following is a specification.

The present invention relates to improvements in index tabs for use in paper files and binders, and particularly as a filing device for folders, cards, filing sheets, spacing sheets &c, adapted to serve the usual purposes of an index tab, as well as perform the functions of a handling means for the article to which it is attached.

The invention contemplates an index element and its guide suitable for use in connection with card or sheet indexes, leaves of books &c, wherein a tab-sheath, preferably of transparent material such as sheet celluloid, adapted as a handling means, is attached to the article to be indexed. The sheath is equipped with a slidable index element or slip having any desired index characters thereon.

The invention consists essentially in certain novel combinations and arrangements or parts involving particularly the tab-sheath or housing for receiving and guiding the index element as will be hereinafter more specifically described and claimed.

In the accompanying drawings I have illustrated one complete example of the physical embodiment of my invention, together with a slight modification thereof, wherein the parts are combined and arranged according to the best modes I have thus far devised for the practical application of the principles of my invention.

Figure 1 is a perspective view of the index device as a whole, before attaching to an article, the index element being shown as slightly protruding from its tab-sheath or housing, for convenience of illustration.

Figure 2 is a side view of the device of Figure 1.

Figure 3 is an enlarged view showing in perspective a portion of the device of Figure 1.

Figure 4 is a slightly modified form of the invention, a fragment of the device being shown in perspective.

Figure 5 is a perspective view of one end of one of the index tabs or slips.

In the preferred form of the invention as illustrated in Figures 1, 2 and 3 of the drawings I utilize a tab-sheath or housing preferably made of sheet celluloid because of it transparency, and fashion the sheath in peculiar and novel form for the purpose desired. The sheet celluloid is fashioned by bending in suitable machinery or by proper tools to form a pair of opposed lips 1 and 2 extending parallel from end to end of the sheath and forming the lower portion thereof. The upper portion of the sheet is folded or bent as at 3, and the two inner adjoining faces 4 and 5 of the upper portion of the sheath form a pocket 6 in combination with an inner member forming part of the sheath.

This inner member is preferably of paper or fabric, and conforms quite closely to the shape and size of the celluloid sheath in which it is incased. Thus the inner member has a pair of opposed lips 7 and 8 complementary to the lips 1 and 2 of the sheath and the outer faces of these lips are cemented or gummed to the inner faces of the sheath lips 1 and 2, the adhering parts extending from the free edges of the lips to the points indicated at 9, 9 in Figure 3. The upper portion of the inner member has a folded edge or bend 10, and the opposed bent walls of this member are gummed or cemented together at their adjoining inner faces from the bend 10 to a point 11 at which point or line the lips 7 and 8 diverge. By this combination and arrangement of parts a somewhat rigid, vertically disposed, longitudinally extending partition 12 is formed at the upper portion of the inner member located in the longitudinal center of the pocket 6, forming complementary lateral spaces in the pocket at the sides of the partition.

The pocket is designed to receive an index strip indicated as a whole in Figure 5 by the numeral 13, and the lateral spaces are for the reception of the opposed lips 14 and 15 which diverge from the bend 16 of the slip. This index slip is preferably made of a folded sheet of paper of sufficient weight, bent or folded upon itself as indicated in Figure 5 to form an inverted V-shaped tab that may readily and with facility be inserted and slid into or out of the pocket in the sheath. For convenience in handling the slip it may be of slightly greater length than the sheath in order that one or the other of its ends may protrude or project from the sheath end to enable the operator to grasp

the end and move the slip as required. These paper slips may have printed thereon suitable index characters, and in a filing system a variety of colors are adopted for the slips, each color representing or designating a specific idea or purpose. The celluloid sheaths are uncolored, and the colored index slips therein may readily be distinguished by their color and the indexing subject matter on the slips may be read with facility and ease through the transparent celluloid sheath. The central partition supports the encased index slip, and the slip is retained in the pocket by frictional contact with the walls of the sheath and the faces of the partition, thus preventing dislodgment of the slip, but the latter may readily be withdrawn from the sheath by grasping its protruding end and pulling the slip through the sheath and out at one end thereof.

The inner faces of the lips 7 and 8 of the sheath are gummed in order that the reinforced attaching lips of the sheath may be affixed to the card, leaf, or sheet with which the index device is to be used. In applying the sheath to such a sheet, the reinforced or double-thick attaching lips 1—7 and 2—8 are made to straddle the top or other edge of the sheet and then by suitable pressure the inner gummed or cemented faces of the walls 7 and 8 are affixed to the opposite faces of the sheet, thus rigidly and securely attaching the index sheath to the sheet.

Thus it will be apparent that the inner portion of the sheath is attached to the outer portion along the faces of the lips, the upper portion of the inner member is cemented together to form the partition 12, and the reinforced lips are cemented to the file sheet. In securing the inner member of the sheath to the celluloid, as an adhesive, a solution of camphor or camphor and alcohol is used which softens the face of the celluloid and then by pressure from a heated iron or other implement the inner lips and outer lips may be cemented to form an amalgamated or homogeneous cemented joint.

In the modified form of the invention shown in Figure 4 the sheath lips 1^a and 2^a are cemented to the inner lips 7^a and 8^a, and a pocket 6^a is formed in the sheath, but the single partition of Figure 3 is omitted from this structure and in its place the portions $12'$ and 12^a of the inner member form the support for the index slip. By this modified construction the sheath may be slipped over the filing sheet and the entire area of the inner faces of the inner member from the lower edges of the lips to the bend 10^a is gummed and may be cemented to the filing sheet leaving that portion of the sheath above the bend 10^a projecting above the filing sheet. The two walls $12'$ and 12^a perform the function of the single partition 12 and the lips of the index slip are received in the spaces between these walls and the walls of the sheath which adjoin them to form the pocket. The area of surface of the lips to be attached to the sheet may thus be varied, and the sheath adjusted with relation to the filing sheet to any desired elevation within the limits of the bend 10^a and the lower free edges of the lips.

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

1. An index tab comprising a return bent transparent sheath forming a pocket, and an inner member attached to said sheath and projecting into said pocket to form lateral spaces and a connecting space beneath the return bend of the sheath of a depth not less than the width of the lateral spaces, and adhesive means for affixing the sheath to the edges of a card.

2. An index tab comprising a transparent sheath forming a pocket, an inner member comprising a return bent strip carried by the sheath and forming a pocket with lateral spaces and a connecting space beneath the sheath of a depth not less than the width of said spaces, and adhesive means for affixing the sheath to the edges of a card.

3. An index tab comprising a transparent sheath forming a pocket, an inner member carried by said sheath and projecting into said pocket to form lateral spaces and a connecting space beneath the sheath of a depth not less than the width of the lateral spaces, and adhesive means for affixing the sheath to a card.

4. The combination with a transparent strip forming a sheath having opposed lips, of an inner member comprising a return bent strip having complementary lips adapted to be secured to a card, said inner member having its walls secured together and projecting into the sheath to form a central longitudinal partition to provide space for the insertion of an index strip.

5. In an index tab, the combination with a member adapted to be secured to a card to form a projection at one edge thereof, of a return bent strip of transparent material secured to said member and having its return bend spaced from the outer edge of said projection, and a return bent index slip having its return bend nested within said first mentioned return bend and slidably engageable with said projection, the lower edges of said index slip being spaced from the junction between said transparent material and card.

In testimony whereof I affix my signature.

CARL F. BRENNE.