May 27, 1924. 1,495,358

T. ROBERTSON

INDEX TAB

Filed July 24, 1923

Fig. 1.

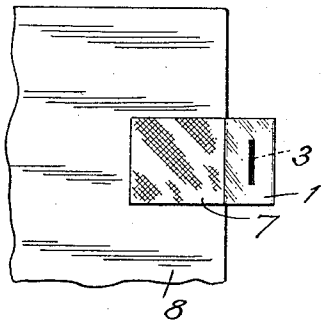


Fig. 2.

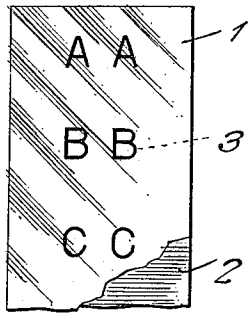


Fig. 3.

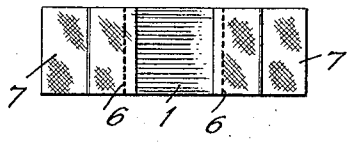


Fig. 4.

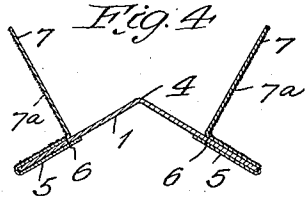


Fig. 6.

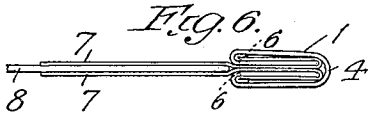
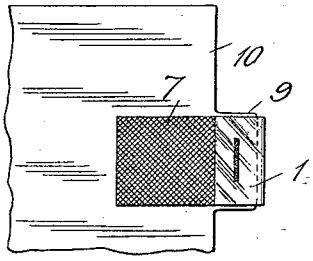


Fig. 7.



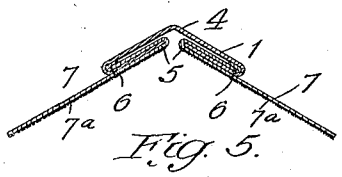


Fig. 5.

INVENTOR.
THOMAS ROBERTSON

BY Stockbridge & Borst
ATTORNEYS

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UNITED STATES PATENT OFFICE.

THOMAS ROBERTSON, OF HILLSDALE, NEW JERSEY.

INDEX TAB.

Application filed July 24, 1923. Serial No. 653,423.

To all whom it may concern:

Be it known that I, THOMAS ROBERTSON, a subject of the King of England, residing at Hillsdale, in the county of Bergen and State of New Jersey, have invented certain new and useful Improvements in Index Tabs, of which the following is a full, clear, and exact description.

This invention relates to index tabs, and has for an object to provide an improved tab which may be attached by the purchaser, to objects to be indexed, in a simple manner, without special appliances; and which will be exceptionally strong, durable, attractive in appearance, simple and relatively inexpensive. Other objects and advantages will be apparent from the following description of an embodiment of the invention, and the novel features will be particularly pointed out hereinafter in claims.

In the accompanying drawing:

Fig. 1 is an elevation of a portion of an object to which an index tab has been attached, the tab being constructed in accordance with the invention;

Fig. 2 is a plan of a portion of the tab showing one of the steps in its manufacture;

Fig. 3 is a plan of a tab at another step in its manufacture;

Fig. 4 is a sectional elevation of the same at a still further step in its manufacture;

Fig. 5 is a sectional elevation of the completed tab before its attachment to an object to be indexed;

Fig. 6 is an end elevation of the tab attached to an object so as to form a flexible indexing projection; and

Fig. 7 is an elevation of an object to which the tab has been attached so as to provide an inflexible tab projection.

In the manufacture of the particular embodiment of the tab which is illustrated in the drawing, a strip or sheet 1 of transparent material, such as celluloid, is provided with a backing 2 of suitable material, such as paper or cloth fabric, which carries suitable indicating characters 3 thereon and visible through the transparent sheet 1. The backing 2 is secured to the sheet 1 by any suitable transparent cement, or by forcing the backing against the transparent sheet under pressure at a high temperature, as well known in the art. The transparent sheet with its backing is folded midway between two of its edges, such as along the line 4 in Figure 4. Either previous to or subsequent to this folding, strips or sheets of suitable anchoring material 5 are folded over the edges of the sheet 1 which are parallel to the line of fold 4, so as to embrace the edge portions and extend over the opposite faces of each flap for a considerable distance. The portions of the anchoring material 5 which are disposed on opposite faces of each flap are secured together and to the flap in any suitable manner, such as by stitching 6, or other fastening means, which passes through the flap and through the embracing portions of the anchoring strip.

The flaps are each also folded along a line parallel with the first line of fold 4, so as to carry the edge portions of the flap which are embraced by the anchoring material, within the dihedral angle formed by the flaps, as shown in Figure 5. In this position the stitching or other fastening means, will be entirely concealed by the flaps, and the anchoring material extending from the flaps will form anchoring extensions 7 by means of which the tab may be secured to an object to be indexed. The faces of the anchoring material which abut when the two flaps are brought together in the manner shown in Figure 5, are preferably provided with an adhesive coating 7^a which may be utilized by the purchaser in attaching the tab to an object to be indexed. Obviously, the purchaser could apply his own adhesive coating if he so desired.

The transparent sheet with its backing carrying the indicating characters is illustrated in Figure 2, and in Figure 3 the tab is illustrated with the anchoring extensions stitched thereto. In Figure 4, the manner of folding the transparent sheet to form a dihedral angle is illustrated, and in Figure 5 the completed tab is illustrated with the flaps being brought together. In Figures 1 and 6 the exposed portions of the anchoring material which are carried by the flaps within the doubled-in portion of the tab may be secured together by the adhesive coating, and the extensions 7 are secured over an object 8 which is to be indexed. In Figure 7 the tab is secured over an index projection 9 on an object 10 to be indexed, the tab being passed entirely over the projection 9, so that the extreme outer edge of the projection will lie approximately at the apex of the dihedral angle of the tab. The an-

choring extensions 7 are attached to the object so as to retain thereon the improved tab which serves as a protector for the unitary index projection 9.

If desired, the backing sheet 2 of the transparent sheet or strip 1 may be omitted, and the index characters or reference provided upon slips which may be inserted in the pockets formed between the flaps and their doubled-in edges, the slips being placed in or removed from the tab by sliding them endwise into or out of the pockets.

It will be obvious that various other changes in the details herein described and illustrated for the purpose of explaining the nature of the invention, may be made by those skilled in the art within the principle and scope of the invention as expressed in the appended claims.

I claim:

1. An index tab comprising a sheet of transparent material with a backing carrying indicating characters visible through the transparent material, said sheet being folded upon itself to bring the transparent material outermost, strips of anchoring sheet material each folded to embrace the transparent material along the free edges of the flaps opposite the line of fold, and securing means connecting the strip portions on opposite faces of each flap and passing through the embraced flap, the flaps being folded to carry the embraced edges within the flaps whereby the securing means will be concealed.

2. An index tab comprising a sheet of transparent material with a backing carrying indicating characters visible through the transparent material, said sheet being folded upon itself to bring the transparent material outermost, strips of anchoring sheet material each folded to embrace the transparent material along the free edges of the flaps opposite the line of fold, securing means connecting the strip portions on opposite faces of each flap and passing through the embraced flap, the flaps being folded to carry the embraced edges within the flaps whereby the securing means will be concealed and an adhesive coating upon the inner faces of the strips whereby the tab can be readily attached to an object.

3. An index tab comprising a sheet of celluloid folded upon itself to form a dihedral angle, strips of anchoring sheet material each folded to embrace the celluloid sheet along the free edges of the flaps opposite the line of fold, and securing means connecting the strip portions on opposite faces of each flap and passing through the embraced flap, the flaps being folded parallel with the first fold to carry the embraced edges within the dihedral angle and conceal the attaching means.

4. An index tab comprising a sheet of celluloid folded upon itself to form a dihedral angle, strips of anchoring sheet material each folded to embrace the celluloid sheet along the free edges of the flaps opposite the line of fold, securing means connecting the strip portions on opposite faces of each flap and passing through the embraced flap, the flaps being folded parallel with the first fold to carry the embraced edges within the dihedral angle and conceal the attaching means, and an adhesive coating upon the inner faces of the strips whereby the tab can be readily attached to an object.

5. An index tab comprising a sheet of transparent material folded upon itself to form a dihedral angle, strips of anchoring sheet material secured to the free ends of the arms of the folded sheet, the arms being folded upon themselves to carry the sections attached to the anchoring sheets within the dihedral angle for concealment of the attachment, with the anchoring strips forming anchoring extensions of the sides of the dihedral angle.

In witness whereof, I hereunto subscribe my signature.

THOMAS ROBERTSON.