June 19, 1962 J. PODNER 3,039,470

HANGING FILE WITH INDEX TAB

Filed Oct. 22, 1957 2 Sheets-Sheet 1

FIG. 1

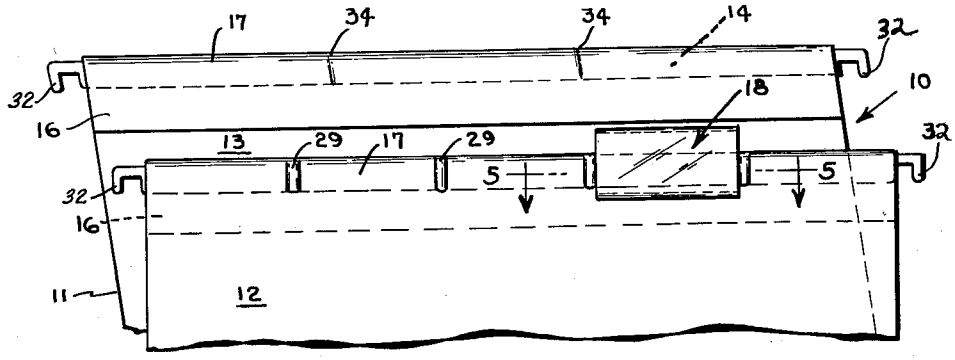


FIG. 2

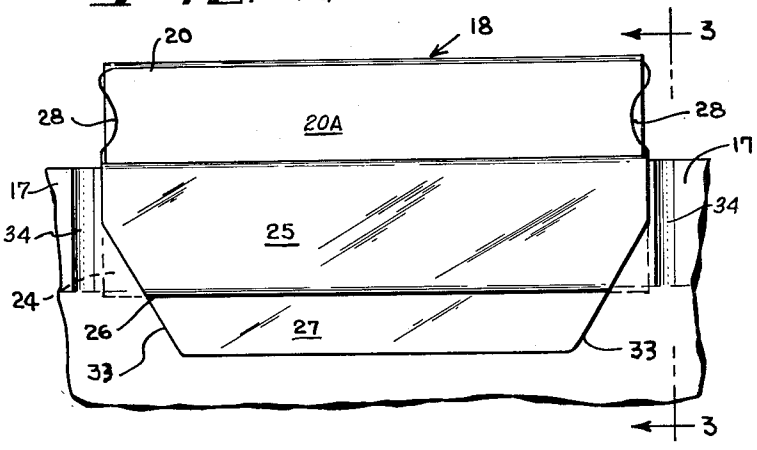
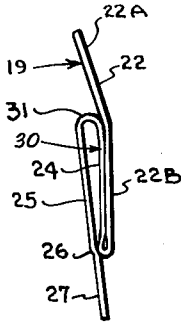


FIG. 4



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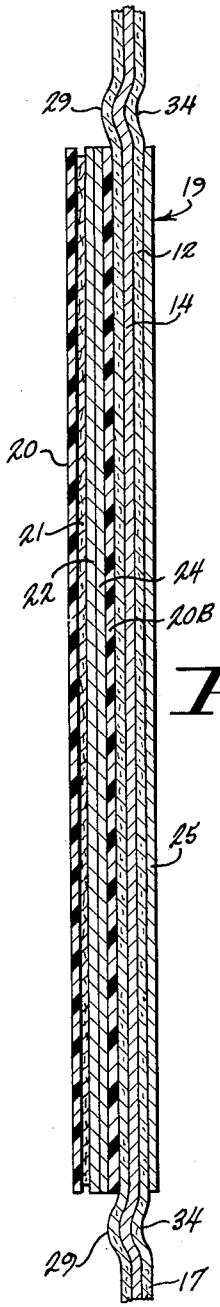
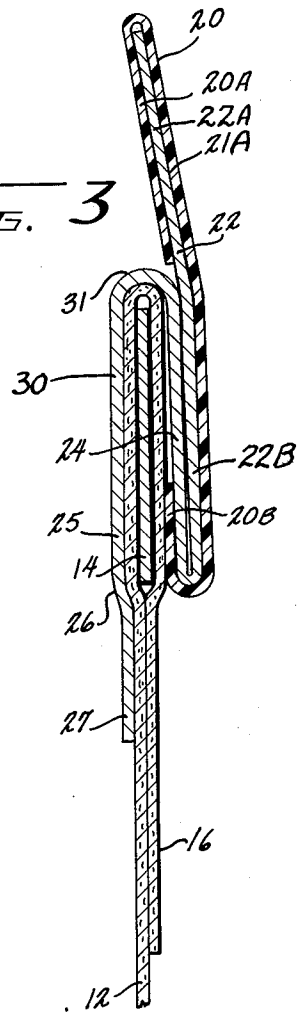


FIG. 5

FIG. 3



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United States Patent Office 3,039,470 Patented June 19, 1962

3,039,470

HANGING FILE WITH INDEX TAB

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Filed Oct. 22, 1957, Ser. No. 691,776
4 Claims. (Cl. 129—16.8)

This invention relates to a new and novel type of hanging file with an index tab. More particularly this invention relates to a hanging file provided with a detachable index tab of clip formation which may be attached to the top of said file along any portion of its upper edge thereof.

One of the objects of this invention is to provide for a hanging file a new and novel detachable tab of clip formation, said tab being slidable along the upper edge of said file. Another object of this invention is to provide a tab which may be easily attached to the upper edge of a hanging file and may be slid into proper position, but once in position it cannot be readily knocked out of said position by accidental blows against said tab.

A further object of this invention is to provide a file which has means along the top edges for holding an index tab in position once an index tab has been positioned on said file. The means for accomplishing the aforementioned result is indentations along the upper edges of the file, whereas in the prior art glueing or bonderizing processes are normally used to hold the tabs in place so they will not slip. Still another object of this invention is to provide an index tab which is inexpensive to produce, durable, and functional in that it may be positioned along various portions of the top edge of a file and once positioned will not readily slide out of place until it is repositioned.

Other and further objects are those inherent in the invention herein illustrated, described in the claims, and will be apparent as the description proceeds.

To the accomplishment of the foregoing and related ends this invention then comprises the features herein fully described and particularly pointed out in the claims, the following description setting forth in detail certain illustrative embodiments of the invention, these being indicative, however, of but a few of the various ways in which the principles of the invention may be employed.

The invention is illustrated by reference to the drawings in which the corresponding numerals refer to the same parts and in which:

FIGURE 1 is a perspective broken front view of a hanging file with the index tab mounted thereon;

FIGURE 2 is an enlarged back view of a portion of the hanging file showing the index tab mounted thereon;

FIGURE 3 is an enlarged end view of the tab mounted on a hanging file, the file being shown in section and taken along section lines 3—3 in the direction of the arrows of FIGURE 2;

FIGURE 4 is an enlarged end view of the metallic portion of the tab illustrating the spring feature of the metallic clip which holds the tab in place when mounted;

FIGURE 5 is a top cross-sectional view of the tab and the hanging file taken along lines 5—5 in the direction of the arrows of FIGURE 1 to illustrate the indented feature of the top edge of the folder and also the relative location of the various elements that go to make up said tab and said folder.

Referring now to the drawings and particularly to FIGURES 1 and 3, there is shown a perspective view and an end view of the hanger file with an index tab thereon. The file is generally designated as **10**. The hanger file **11** is formed by folding a piece of heavy paper in the mid-section to form a folder composed of two leaves **12** and **13**. The upper portion of each leaf **12**, **13** of the folder

is then folded over a metal hanging rail **14** and the lower parts **16** of said folded portions are then secured to the sheet of the folder by conventional means such as glueing. This gives a thickened portion **17** at the upper edge of the leaf of the folder, the thickened portion consisting of two layers of paper and the metal bar **14**. The thickened portion presents a surface on which the index tab **18** can be mounted. Each metal hanging rail **14** has a hook **32** at each end.

For the file there is provided a substantially rectangular index tab **18** made up of a metallic body portion of rider **19**, a transparent plastic sheath **20**, and an index slip **21**. The index slip **21** is shown in FIGURE 5. In FIGURE 3 the index slip is not shown but when it is inserted, it slides in between front plate **22** and the plastic sheath **20** at the interface **21A** of FIGURE 3. The rider **19** is preferably made from a single blank of metal such as spring steel or the like. The blank is bent to form a front plate **22** and a clip **30**, said clip having two legs **24** and **25**. The front plate has an upper portion **22A** and a lower portion **22B**, the lower portion being bent such that it forms a slight angle to the upper portion. The blank at the lower edge of the lower portion **22B** is bent back upon itself to form a clip leg **24**, the length of the clip leg **24** being approximately equal to the length of the lower portion **22B**. The portion of the blank extending above the upper edge of the clip leg **24** is then bent in a downwardly direction to form spaced extended clip leg **25**. A shoulder **26** is formed in the extended clip leg **25** at approximately half way between the upper and lower edges of said leg by first bending the leg toward the front plate and then at a line spaced from said bend downwardly so that the extended clip leg portion **27** lies in a plane nearly parallel to the plane of the upper part of the leg. The aforementioned shoulder comes in contact with the lower edge of clip leg **24** when the index tab is not mounted on a file as shown in FIGURE 4.

The upper bowed portion **31** formed at the junction of the two clip legs **24**, **25** is of a width that is approximately equal to the thickened portion **17** at the upper edge of a leaf of the folder. The distance from the bowed portion **31** to the shoulder portion **26** is slightly greater than the height of the thickened portion **17**, the two aforementioned dimensions being such that the clip directly fits over the thickened portion of the leaf but due to the resilient feature of the clip it holds the index tab in place on the folder. The corners **33** of the extended leg portions are mitered to facilitate the mounting of the index tab on the hanging file.

The transparent plastic sheath **20** which may be made of celluloid or similar material, is of rectangular shape having similar but slightly greater dimensions than the face of the rider. The sheath at the upper edge has integral therewith an extension **20A** which is folded back on the sheath and extends in a downwardly direction so that when the sheath is mounted over the rider the lower edge of said extension will be below the upper edge of the bowed portion **31**. The sheath also has a second extension **20B** integral with the bottom edge of the sheath and folded in an upwards direction, the two extensions forming with the main body of the sheath, means for holding said sheath in place on the rider.

An index slip **21** which has substantially the same dimensions as the front plate **22** of the rider is inserted at interface **21A**, FIGURE 3, between the sheath and the face on the front plate. The index slip which is shown in place in FIGURE 5, is used to exhibit the name or other desired information thereon to indicate the material contained in the hanger file. Notches **28** are provided in the side edges of the upper body portion of the rider so that when said slip has been inserted the thumb

nail can be placed between the sheath and the index slip to grip said index slip to remove it.

As shown in FIGURES 1 and 5 the upper edge portions of the folder may be formed with indented portions **34** spaced lengthwise along said edge portion to form stops **29**, the spacing of the stops being slightly greater than the length of the index tab. The stops **29** are bent outwardly from the plane of the thickened upper edge portion of the folder far enough so that the rider will not be dislodged when accidentally bumped or when the hanger file is moved from one position to another; at the same time the stops are not offset far enough from the plane of the thickened upper edge so that they will prevent the index tab from being pushed over them when it is desired to move said tab to another spacing along the upper edge of the folder. As shown in FIGURE 3 the stops **29** protrude outwardly from the surface of the folder and form an indented portion **34** in the inside surface of the thickened portion of the folder. As indicated in FIGURE 1 the thickened portion of the forward leaf **12** is provided with spaced stops so that the index tabs may be spaced in any one of five positions, whereas the thickened portion of the back leaf **13** is provided with stops spaced such that the index tab may be spaced in any one of three different positions. This way the same index folder may be readily used with index tabs of two different lengths, an index tab of a smaller length being placed on the front leaf. The length of the index tab used would be dependent upon the amount of information that is desired to be carried on said tab and the other needs of the user.

The extended portion **27** of clip leg **25** extends below the bottom edge of the bar **14** when the index tab is mounted on the file but bears against the lower portion **16** of said thickened portion which is of a double thickness of paper. This double thickness gives additional strength to the file at the point where the file is most likely to wear due to the clip action of said leg.

It is to be understood that the index tab as herein described may be used with other types of files and is not to be limited in use only with hanging files.

As many widely apparent different embodiments of this invention may be made without departing from the spirit and scope thereof, it is to be understood that I do not limit myself to the specific embodiments herein.

What I claim is:

1. A rider for detachable mounting on the upper edge of a leaf of a file folder for retaining file data indicating means in a visible position comprising a sheet of resilient material providing a front plate having an exposed front surface and a lower edge and an upper terminal edge, means detachably secured thereto for retaining file indexing data on the front surface of said front plate, a first clip leg having one end joined to the front plate lower edge to extend in the same general direction as the front plate, said first leg being of a shorter length than the front plate, a bowed portion of a given width and having two parallel edges transverse to said width dimension, the bowed portion being integrally joined at one edge to the opposite edge of said first leg, and a second clip leg having one edge integrally joined to the other edge of said bowed portion and extending convergingly inwardly from said bowed portion towards the junction of the first leg with the front plate, said bowed portion resiliently urging said one end of the first leg and the opposite edge of the second leg toward one another so that said legs clampingly engage the leaf there between when positioned on said leaf.

2. The device specified in claim 1 further characterized in that it is composed of a single sheet of material and that the front plate is integrally joined to the first clip leg by being reversely bent at the lower edge.

3. The device specified in claim 1 further characterized in that the means detachably secured to the front plate for retaining indexing data on the front surface of the front plate comprises a plastic sheet overlying said front surface of the front plate, said plastic sheet being bent around the lower edge and upper terminal edge of the front plate for attachment thereto.

4. The device specified in claim 1 further characterized in that said second leg is extended to a terminal edge which is below the lower edge of the front plate said second leg being cut off diagonally at its lower corners along lines intersecting the position of said lower edge of the front plate.

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