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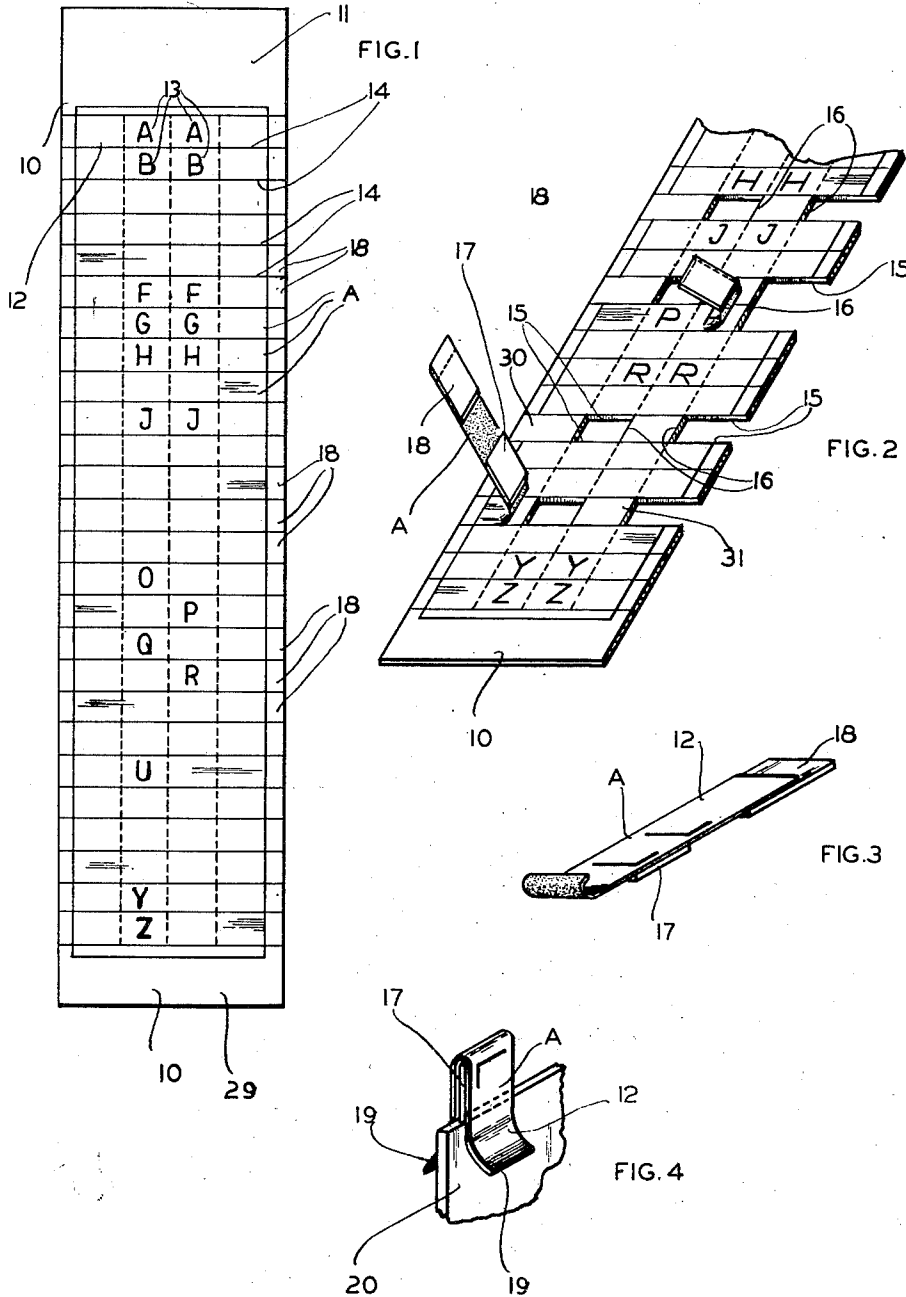
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CARD OF INDIVIDUALLY REMOVABLE MARKERS

Filed Oct. 7, 1954

2 Sheets-Sheet 1



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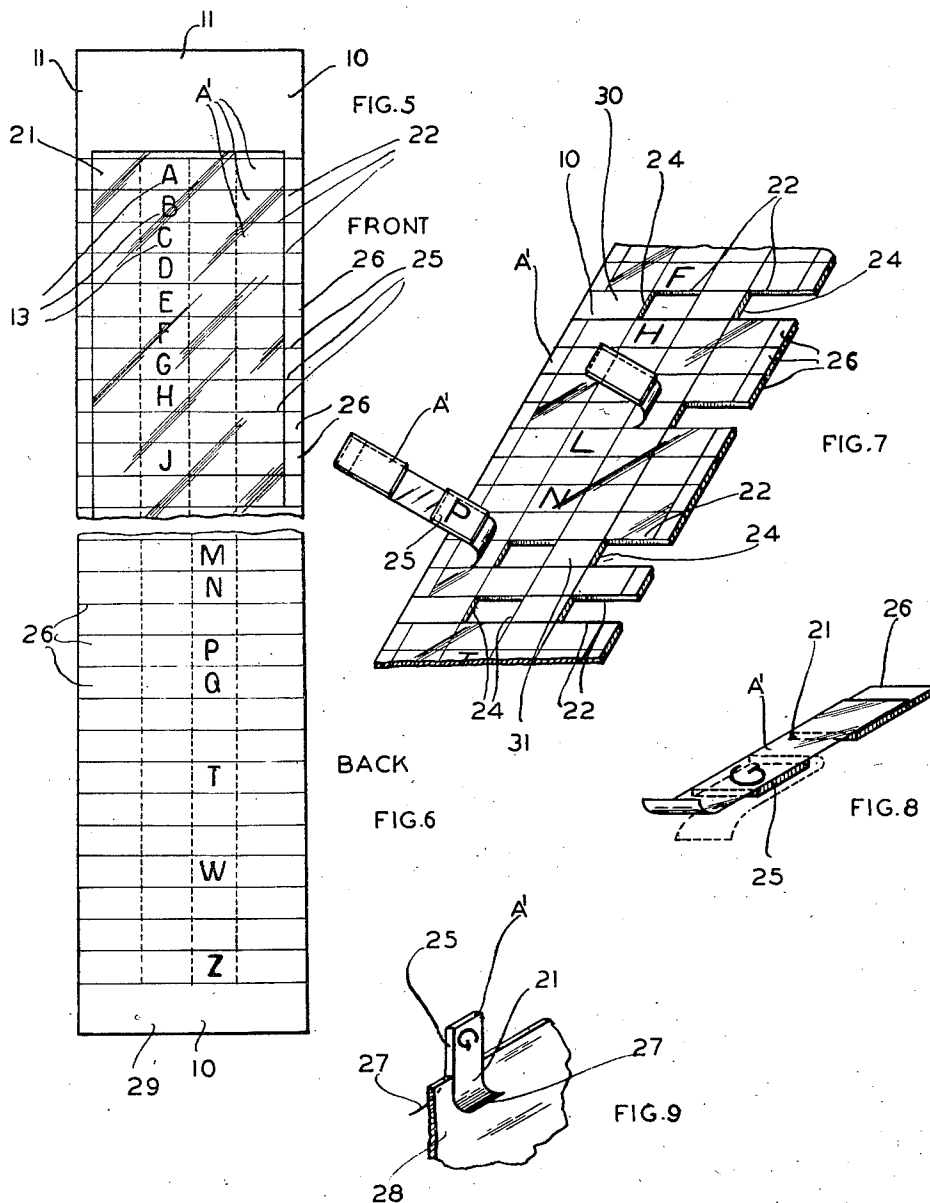
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## CARD OF INDIVIDUALLY REMOVABLE MARKERS

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5 Claims. (Cl. 206—56)

This invention relates to alphabetical or index tabs wherein a series of tabs are formed on a card so that each tab may be removed individually and attached to the article to be indexed or marked. The card holds the tabs collectively until they are desired for use whereupon the individual tabs are removed and attached as desired.

A primary feature of this invention is to provide a simple means of supporting on a base-card a series of letters of the alphabet which can be removed to form index tabs when desired. The individual index tabs removed from the base-card are adapted to have a reinforcing or stiffening means between the letters of the alphabet which appear on each side of the individual index tabs. The supporting base-card is slit transversely and longitudinally through portions of the same to provide index tabs with the same indicia on each side and forming a stiffening card when the indexed tabs are folded thereover. The projecting portions, which have a pressure sensitive adhesive inner surface, permit the individual index tabs to be attached to the edge of any sheet.

In one form of the index tabs the identical alphabet is printed in two vertical columns adjacent each other on adhesive tape which is removable from the base-card to make the individual index tabs. In the other form of my index tabs the supporting sheet or card has the alphabet or indicia printed directly on each side of the card in a single vertical column, each of which are directly opposite to each other on the front and back surface of the base-supporting card. In this form, the face of the supporting card is covered with a transparent adhesive or cellophane tape and the base-card is slit to form freely disposed pull tabs for each letter of the alphabet and vertical and horizontal slits around the letters of the alphabet so that when the individual index tabs are removed the portion of the base-card showing the alphabet thereon is removed and the pressure sensitive transparent adhesive tape is folded over the alphabet printed on the back of the removable portion of the base-card, while the projecting ends of the adhesive tape can be adhered to the edge of a sheet which is adapted to be marked, with the letters of the alphabet showing on each side of the tab.

My invention describes index tabs which are adapted to be supported on a cardboard sheet, and are formed by substantially covering the face of the cardboard sheet with a pressure sensitive adhesive tape and printing vertical columns of letters of the alphabet on the adhesive tape. Transverse slits are cut in the adhesive tape but not in the supporting card, and transverse and longitudinal slits are cut through the cardboard supporting sheet so that portions thereof may be removed, thereby providing a series of removable index tabs held collectively on a supporting backing sheet having a stiffening member, formed by a portion of the supporting backing sheet, for each index tab and the indicia printed thereon.

My invention encompasses removable index tabs which are adapted to be supported on a cardboard sheet, formed

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by printing a column of letters of the alphabet, or other indicia, on the face of the cardboard sheet, then printing an identical column of letters of the alphabet on the back of the cardboard sheet directly behind the column exposed on the front face of the sheet, and applying a transparent strip of adhesive tape over the face of said column of letters of the alphabet with the sides of the adhesive tape projecting beyond the sides of the column of letters and longer on one side of the column than on the other. Transverse parallel slits are cut in the adhesive tape between each letter of the alphabet but not extending into the body of the supporting card. Transverse and longitudinal slits are cut in the card, upon which the columns of indicia are printed, whereby when the sections of the adhesive tape are removed from the supporting card, a portion around the letter of the alphabet will be removed to provide a stiffening member for the index tab which carries the letter of the alphabet or the indicia thereon.

The various forms of my index tabs and the features thereof, together with the method of making the same will be hereinafter fully pointed out.

In the drawings forming part of this specification:

Figure 1 illustrates a supporting sheet of cardboard with an adhesive strip secured to the face thereof, and with two vertical columns of the letters of the alphabet printed on the adhesive to provide right and left hand columns of identical letters of the alphabet. The adhesive tape is slit transversely between each of the letters of the alphabet.

Figure 2 illustrates a perspective view of a portion of the marker supporting card showing the manner in which the individual index tabs are removed from the base-card.

Figure 3 illustrates one of the individual tabs removed from the base-card showing a portion of the base-card adhering to the underside of the left column of the alphabet, the right column of the alphabet being adjacent thereto without anything being adhered to the under adhesive surface and with the pull tab projecting beyond the end of the adhesive tape to the right of the right column of the alphabet.

Figure 4 illustrates the individual tab with the letter "L" of the alphabet being attached to the edge of a sheet by the free ends of the adhesive tape.

Figure 5 illustrates the face view of the supporting card showing a single vertical row of the alphabet appearing beneath the transparent adhesive tape.

Figure 6 is a back view of the supporting card showing the single vertical column of the letters of the alphabet which appear on the back surface of the supporting base-card and which are directly back of the column of the alphabet appearing on the face of the supporting card.

Figure 7 illustrates the perspective of a portion of the base-supporting card showing the manner in which the individual index tabs are removed therefrom and showing one of the letters of the alphabet on the back surface of the supporting card.

Figure 8 illustrates an individual index tab removed from the base-card showing the alphabet letter "G" thereon appearing through the transparent adhesive tape and showing the end of the adhesive tape in dotted lines folded under the undersurface of the stiffening card after the cardboard portion of the pull tab has been removed.

Figure 9 illustrates the transparent adhesive tape with the stiffening-card between the same and with the free ends of the adhesive tape about to be attached to a sheet to index the sheet with a letter of the alphabet.

In carrying out my invention in index tabs, which are adapted to be supported on a cardboard sheet so that they may be readily removed as desired, I provide a cardboard backing sheet 10 which is provided at the top with a blank space 11 in which suitable indicia may be printed

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to indicate the name of the product together with the name of the manufacturer thereof, and any other indicia such as a trade name for the product as may be desired to use in designating the same to the trade.

The cardboard supporting sheet 10 may be of a suitable character particularly adapted for the purpose and wherein portions of the same may be died out so as to be removed when the individual index tabs are removed from the supporting card. In the form of my index tabs illustrated in Figures 1 to 4, inclusive, a strip of adhesive tape 12 which is substantially the length of the supporting card 10, is adhered thereto. The adhesive tape 12 is formed on the adhesive surface thereof with a pressure sensitive adhesive material which permits the removal of the index tabs individually and provides free ends of the adhesive tape projecting from the tab so that the same may be attached to any sheet or article as may be desired.

The adhesive tape 12 is adapted to be printed with vertical parallel columns of indicia such as the letters of the alphabet 13. When the adhesive tape is printed in this manner the index tabs are adapted to be used to indicate the letters of the alphabet.

It is apparent that other indicia may be printed on the adhesive tape 12 instead of the letters of the alphabet.

The removable index tabs include transverse slits cut through the adhesive tape 12 on the lines 14 between each letter of the alphabet. The slits 14 cut through the tape 12 do not extend through the cardboard supporting back 10.

In carrying out my invention the plain backing board 10 is cut with longitudinal slits 16, then the tape 12 is applied to the backing board and in a single die cut operation transverse slits 14 are cut, with a die so designed that it will only go through the tape 12 on the face of the card 10. The card is then turned over and the transverse slits 15 are cut, with a die so designed that it will only go through the supporting sheet 10 and not through the tape 12. The transverse slits 15 and the longitudinal slits 16 cut out of the backing or supporting sheet 10 the substantially square portions 17 beneath the left hand column of letters 13. Said transverse and longitudinal slits 15 and 16 respectively also cut out a rectangular portion 18 of the backing sheet 10. This portion 18 forms a pull tab for the individual index tabs A which are formed by the transverse and longitudinal slitting of the backing sheet 10. The transverse slits 14 through the adhesive strip 12 permits the adhesive tape portion of each of the index tabs A to be removed from the backing or supporting sheet 10.

When one of the indicia tabs A have been removed from the supporting sheet 10 in the manner illustrated in Figure 2, it will appear as shown in Figure 3 when fully removed. The pull tab 18 will still be attached to the long end of the adhesive. The operator then draws the adhesive over the back of the letter under which the portion 17 is adhered so that the adhesive will cover the back of the portion 17 which forms a stiffening portion between the sides of the index tab A as illustrated in Figure 4. The pull tab 18 is then removed, whereupon the free ends 19 of the adhesive strip 12 are adapted to be secured to the sheet 20. The sheet 20 may represent any sheet or article to which the index tab A is adapted to be secured when it is removed.

In Figures 5 to 9 inclusive, I have illustrated another form of my removal index tabs. In the form illustrated in said figures I use the same type of support card 10 with the blank space 11 at the top and upon the face of the card 10 I print a longitudinal column of the letters 13 of the alphabet.

It will be apparent that instead of the letters of the alphabet 13 extending down in a longitudinal column on the cardboard 10 any suitable indicia may be printed directly on the respective faces of the card 10.

After the column of alphabet letters 13 have been

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printed on the face of the card 10, it is turned over and the identical column of alphabet letters or indicia is printed on the back of the card such as is illustrated in Figure 6. The purpose of this is to have the same letters of the alphabet appear on the front and the back of the card 10 but in the same relative position so that the column of letters or indicia on the front of the card 10 also appears directly in back of that shown on the front face of the card 10.

In my index tabs I attach a transparent adhesive strip 21 extending over a substantial portion of the face of the card 10 and covering the indicia or alphabet letters 13.

In the next step of the method in the form shown in Figures 5 to 9 inclusive, the blank card 10 is cut with transverse slits 22, and the transparent adhesive strip 21 is attached to the face of the card 10 covering the indicia or alphabet 13. The adhesive strip 21 is also cut on the transverse lines 22 but the cutting die is set so as not to cut through the backing sheet 10.

The card 10 is then turned over and the longitudinal slits 24 are cut through the backing card without cutting through the tab on the face of the card.

Figure 7 illustrates the manner in which the index tabs A' are removed from the back 10 as they are selected therefrom.

It will be apparent that in removing the index tabs A', a similar operation takes place as in removing the index tabs A shown in Figures 1 to 4 inclusive.

In Figure 8 I have illustrated one of the index tabs A' removed from the supporting sheet 10. It will be apparent that when the tab is removed a portion 25 of the back sheet 10 will be removed with the adhesive strip 21. This portion 25 forms a stiffening means between the sides of the adhesive strip 21 when the same is folded over the stiffening member 25 as illustrated in dotted lines in Figure 8 and in full lines in Figure 9. The adhesive strip 21 being transparent the indicia or alphabet letter will show through the same on both sides of the stiffening member 25. This indicia or alphabet letter will be identical on each side in view of the description of the printing of the card 10 on the front and back thereof, as above set forth.

The pull tab 26, which is also a portion of the back sheet 10 and which has been cut free therefrom by the transverse and longitudinal cuts 22 and 24 respectively, is then removed from the adhesive strip 21 whereby the free ends 27 of the adhesive strip 21 may be attached to a sheet or member 28 as illustrated in Figure 9, to secure the tab A' thereto.

It will be apparent that the index tabs which are selected may be readily removed from the supporting sheet 10 without disturbing any of the remaining index tabs supported thereon. The backing board or sheet 10 is of a stiff material suitable to the release of pressure sensitive tape or material which is coated with a pressure sensitive adhesive. This backing sheet 10 is coated to give repellant qualities against pressure sensitive adhesive. Thus, when the index tabs are removed, the pressure sensitive adhesive does not pull the surface off of the backing sheet.

It will be apparent that while portions of the backing sheet are removed with each index tab removed therefrom, there still remains a skeleton portion of the backing sheet to support the remaining individual index tabs which have not been removed.

The skeleton portion remaining of the backing sheet 10, when the index tabs are removed, include the top portion 11 and the bottom portion 29 which are connected by the portions 30 and 31 which extend from the top 11 to the bottom 29 and which are integral therewith.

In the foregoing I have set forth two forms of my card of removable markers whereupon the card supports the individual markers collectively and they are selectively accessible to the user. With this card of removable markers, the user can see at a glance all of the

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markers on the supporting card and then quickly and readily select the desired marker, removing the same and attaching the marker to the article thereby marked.

In the description and drawings I have described and illustrated, a card of removable markers wherein I have used the letters of the alphabet on the individual markers to illustrate my invention, however, it should be borne in mind that my invention is not restricted to the use of the letters of the alphabet on the individual markers but may be formed or printed with any desired indicia to supply the user with a card of individually removable markers which may be readily selected by the user and applied to the article marked thereby.

I claim:

1. A marking device having individually removable marking strips comprising a base card, a pressure sensitive adhesive sheet in adherent contact with the base card having edges in inwardly spaced parallel relation to the edges of the base card and a plurality of spaced parallel slits dividing the adhesive sheet into removable marking strips having substantially equal end portions, the base card being printed on both faces thereof with indicia arranged in opposed columns in register with each other extending substantially the length of the adhesive sheet, the indicia disposed in a back to back relationship with each other being identical, the base card being slit on each side of the columns and between each indicia to form individual index members when the adhesive strips are folded thereover, the base card having a slit substantially the length of the adhesive sheet substantially intermediate said columns and an edge of the base card and a plurality of spaced parallel slits extending therefrom in register with the spaced parallel slits of the adhesive sheets to form removable pull tabs for the marking strips.

2. A card of individually removable markers comprising a base card, a plurality of parallelly disposed pressure sensitive adhesive marking strips in adherent contact with said base card, reinforcing members in register with said marking strips formed from said base card, said reinforcing members defined by two longitudinally disposed parallel slits cut through said base card and further defined by a series of transversely disposed parallel slits cut through said base card between the longitudinal slits, indicia formed on the removable markers, pull tabs removable with said marking strips defined by a third longitudinal slit cut through said base card parallel to an outer edge thereof and a second series of transverse slits cut through said base card between the outer edge and the longitudinal slit, whereby an individual marking strip with its associated reinforcing member is separable from said base card to form a marker foldable over the back

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surface of said reinforcing member and having free ends to adherently attach the marker.

3. The article of claim 2 wherein the adhesive marking strips are characterized by having edges in inwardly spaced parallel relation to the edges of the base card and wherein indicia is printed on the marking strips intermediate the ends thereof in a first and second column in juxtaposed relation to each other.

4. A marking device having individually removable strips comprising a supporting base card, a pressure sensitive adhesive sheet in adherent contact with said base card, said adhesive sheet having edges in inwardly spaced parallel relation to the edges of said base card and a first and second column of indicia printed in juxtaposed relation thereon intermediate the edges thereof, the indicia in each row of said columns being identical, said adhesive sheet having a plurality of spaced parallel slits defining said removable marking strips, each strip embracing at least one row of indicia and having end portions for attaching to an article, the base card having slits circumscribing each indicia in the first column defining reinforcements for the marking strips when the strips are folded thereover, said base card having a longitudinal slit adjacent to and parallel with the outer edge of the second column, said base card further having a series of parallel transverse slits extending from the longitudinal slit to the nearest edge of the card, the parallel transverse slits being in register with the spaced parallel slits in the adhesive sheet to form pull tabs for the removable strips.

5. A marking device having individually removable strips comprising a supporting base card, a pressure sensitive transparent adhesive sheet in adherent contact with said base card, said adhesive sheet having a plurality of spaced parallel slits dividing said adhesive sheet into individually removable marking strips, said base card having indicia thereon arranged in opposed columns in register with each other extending substantially the length of the adhesive sheet, said base card being slit on each side of the columns and between each indicia to form individual index members when the adhesive strips are folded thereover, the base card having a slit substantially the length of the adhesive sheet substantially intermediate the columns and an edge of the base card and a plurality of spaced parallel slits extending therefrom in register with the spaced parallel slits of the adhesive sheet to form removable pull tabs for the marking strips.

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