July 7, 1942. C. T. MEREDITH 2,288,728

SLIDING INDICATOR

Filed March 21, 1939

Fig. 5.

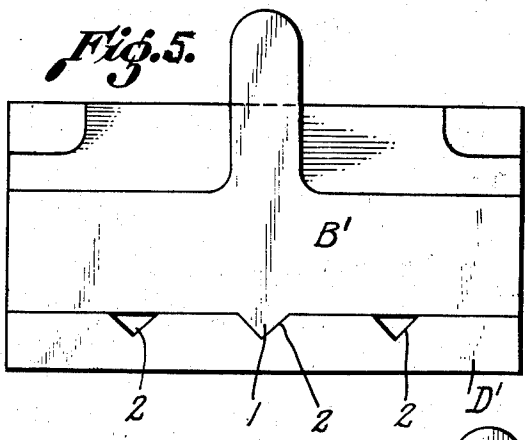


Fig. 1.

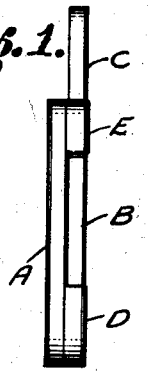


Fig. 2.

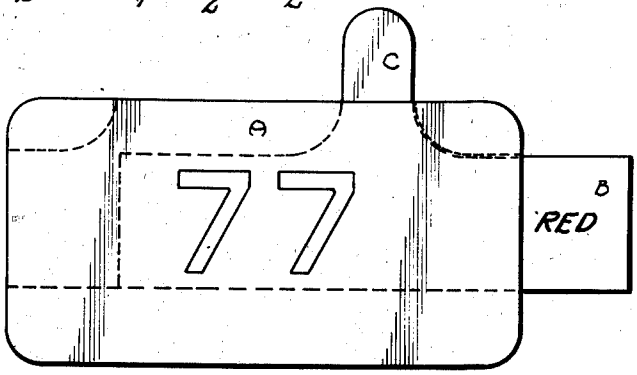


Fig. 3

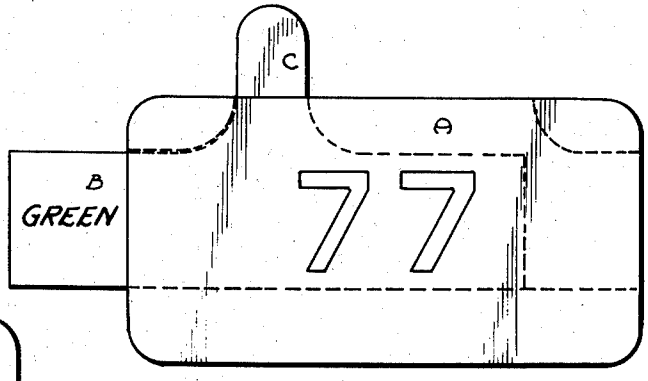
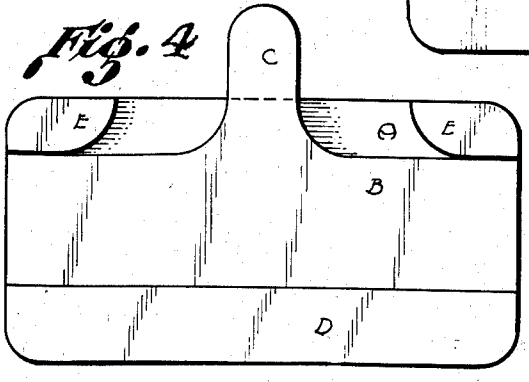


Fig. 4



Charles T. Meredith
Inventor

Witness
By Edgar R. Staats
William F. Miller

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SLIDING INDICATOR

Charles T. Meredith, Parkersburg, W. Va.

Application March 21, 1939, Serial No. 263,158

1 Claim. (Cl. 116—135)

In the rayon industry it is necessary that men operating spinning machines designate thereon three facts in order that the table men or men removing silk from spinning boxes may know instantly the proper disposition to make of cakes thus removed—namely,

1st is the cake regular. 2nd is the cake inferior. 3rd is the cake light.

This is essential for the following reasons:

1st, it enables the table men to classify or grade the silk when removed from the spinning boxes placing regular or grade "A" silk in a certain classification. 2nd, it enables them to place inferior silk in a second classification. 3rd, it enables them to place light cakes in a third classification. And thereby eliminating the possibility of mixing or confusing said classifications.

The present method used for this purpose in the rayon industry is the marking by chalk on or near the number corresponding to the can or box certain marks known to the table men.

Owing to the presence of water and steam in the spinning rooms and further owing to the fact that the men using the chalk, of a necessity are compelled to wear rubber gloves to protect their hands from acids and owing to the fact that their hands are in this condition and these markings are made on a wet rail, it necessarily blurs and dims the chalk mark. And when the men attempt to remove the chalk marks or signs preparatory to another doff these marks become very complex and confusing, thereby making it impossible for the table men or other men who are assigned to the duty of classifying the silk to place it in the proper classification.

Should any chalk, as frequently happens, be dropped on the spinning machine and drawn by suction in the can or box, it ruins the silk or makes it of an inferior quality.

This signal device being so designed and constructed that it may be made from various materials, in various sizes and colors, and so adaptable to having printing, engraving, stamping or coloring thereon which may be exposed or concealed. It is adaptable for use in any industry, business or profession where it is necessary or expedient to communicate information from one person to another or as a reference for the party operating the same.

For these and many other reasons will appear the necessity of this device as it is more fully hereinafter described in the following specifications and illustrated in the accompanying drawing and finally pointed out in the appended claim.

The above and other objects will appear and be better understood from the following description taken in connection with the accompanying drawing, in which:

Figure 1 is a front elevational view of the sliding indicator moved to the right.

Figure 2 is a similar view with the sliding indicator moved to the left.

Figure 3 is a side elevational view.

Figure 4 is a rear elevational view, showing the construction of the sliding indicator and holder, and

Figure 5 is a view similar to Figure 4, but showing a slight modification.

Referring to the drawing by reference letters, it will be seen that my invention consists of a substantially rectangular holder which may be made of Bakelite, Celluloid, or other suitable material, and on which holder may be printed, stamped, marked or engraved, any number, or other indicia, as place used would necessitate, this numbered holder therefore constitutes one signal, as shown in Figure 1.

While I have shown in Figure 1 a holder provided with a certain number it will be understood that I am not to be limited to this specific number, or indicia, since the number, indicia, or size of holder may be diminished or increased as occasion requires. This holder A is to be attached to machine, box, drawer, shelf or any other place that it may be used for signal purposes by nails, tacks, or screws through the corners.

In Figure 1 I have shown a front elevation of holder A with sliding indicator B moved to a position to the right, exposing one end of indicator, which may be painted, stamped, marked or engraved, with any indicia, to make a separate signal, or it may have two or more colors or indicia, to give two or more signals as occasion may require.

In Figure 2 I have shown a front elevation of holder A with sliding indicator B moved to a position to the left, exposing the left end of sliding indicator which may be painted, stamped, marked or engraved with any indicia to make a separate signal or it may have two or more colors or indicia to give two or more signals as occasion may require.

Figure 4 in drawing shows a rear elevation of signal device, showing back of holder A, construction of sliding indicator B which I have provided with actuating handle C to move sliding indicator from one position to another.

Still referring to Figure 4 it will be noticed I have provided holder A with support or slide

D upon which sliding indicator B moves from one position to another.

Figure 5 shows a slight modification in which the slide B' is formed with a depending tooth 1 on its bottom edge for engaging any one of the three notches 2 formed on the upper edge of the part D' of the holder for holding the slide either in a central and neutral position or in a signaling position either at the right or left.

I have further provided this holder A with stops E which prevent sliding indicator from being moved beyond a certain point. I want to call particular attention to sliding indicator B which I have provided with actuating handle C which extends above holder A to permit the moving of slide from one position to another.

From the description of the invention thus far it will be apparent that this device is for attachment to a machine, desk, drawer, door, shelf or other place for signal purposes, that the number of signals would differ on number of indicia or colors used.

Figure 3 in drawing shows a transverse view of device, showing holder A, sliding indicator B, sliding indicator handle C, support for sliding indicator D and stops for sliding indicator E.

As will be seen the support D is made in the form of a horizontally extending rib on the rear face of the holder and at the bottom thereof while the stops E are made in the form of projections on the rear face of the holder at the upper corners thereof.

Having thus described my invention as to construction and use, I claim and desire to have protected by Letters Patent:

A signal device of the class described comprising a holder having identifying indicia on its front face, the rear face being adapted to be connected to a supporting member, said holder including a horizontally extending rib on its rear face and at the lower part thereof having its upper edge forming a horizontal shoulder and rearwardly extending projections at the upper corners of the rear face forming stop members, a slide member having its lower edge sliding on the shoulder and said member being of a length substantially that of the holder whereby when the slide member is in a central position in rear of the holder it will be hidden from view by the holder, an upwardly extending handle forming part connected with the upper edge of the slide member and centrally arranged and projecting above the top of the holder, the junction of the handle part with the slide member forming shoulders engaging the stop members for limiting outward movement of the slide member at either end of the holder, the ends of the slide member on the front face thereof being marked to form signal means each signal means being visible at an end of the device when the handle is engaging a stop member and said stop members being of the same thickness as the rib, whereby said stop members and the rib will abut a supporting member to which the device is connected, and means associated with the lower edge of the slide member and the shoulder over which it slides for releasably holding the slide member in either one of the projected positions or in a central neutral position.

CHARLES T. MEREDITH.