March 17, 1931. O. W. PENDERGAST 1,796,895

STORAGE BATTERY TAG

Filed Nov. 1, 1922

Fig. 1.

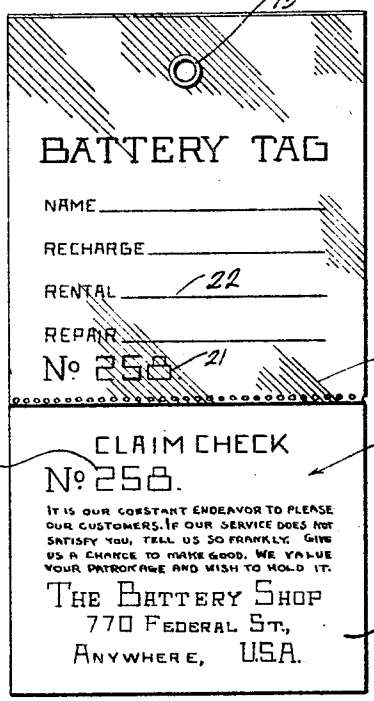


Fig. 2.

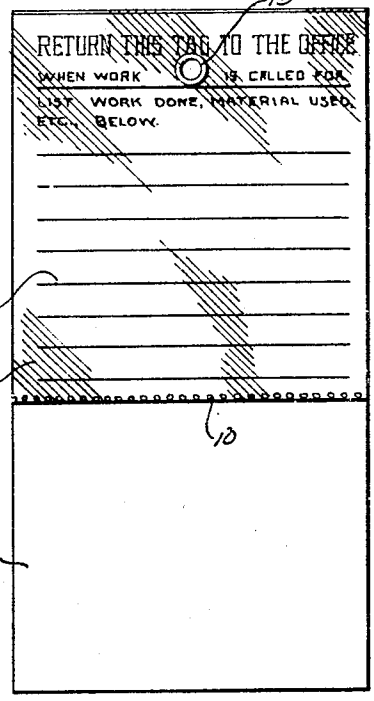


Fig. 3.

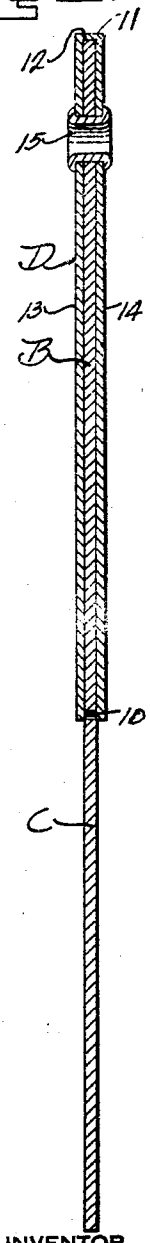


Fig. 4.

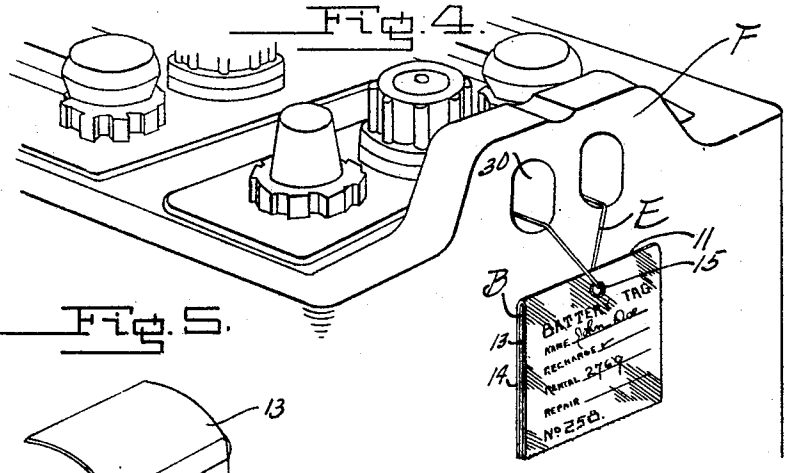
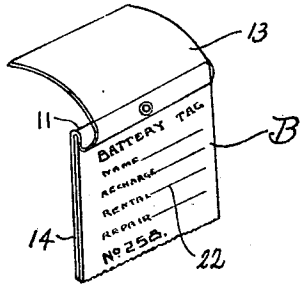


Fig. 5.



INVENTOR.

Overton W. Pendergast

BY Lancaster and Allwine

ATTORNEYS.

Patented Mar. 17, 1931

1,796,895

UNITED STATES PATENT OFFICE

OVERTON W. PENDERGAST, OF TERRE HAUTE, INDIANA

STORAGE-BATTERY TAG

Application filed November 1, 1928. Serial No. 316,461.

This invention relates to improvements in storage battery identification tags.

The primary object of this invention is the provision of a storage battery identification tag, substantially in the form of a tablet, and comprising a tag body provided with a surface which may be written upon, and upon both sides of which are provided flexible acid-proof covers which may be readily lifted to write upon the body of the tag, but which are ordinarily folded flat upon the surfaces of the tag body to protect the same from the deteriorating effects of battery acids.

A further object of this invention is the provision of a storage battery identification tag including a preferably cardboard body, unwaxed, so that the same may be written upon, and which is provided with flexible protecting covers which may be readily moved aside to permit a person to write upon the tag body; the upper margin of the tag body being protected by acid-proof material.

A further object of this invention is the provision of a tablet-like storage battery identification and record card which comprises a body of unwaxed cardboard or like material which may be written upon, and which is protected by transparent acid-proof sheets having a marginal portion about the upper edge of the body; means being provided to support the tag upon a storage battery so that this acid-proof protected edge will always be uppermost, so that battery acids splashing upon the tag will be deflected, that is, will roll downwardly over the acid-proof protecting sheet, to prevent the same coming in contact with the body of the tag.

A further object of this invention is the provision of a storage battery identification tag having simple, efficient, and economical construction, consisting of a cardboard or other cheap body, unwaxed, and upon which entries may be written; and the surface to be written upon, of which, is protected by a flexible sheet of transparent wax-impregnated and acid-proof material which is impervious to the passage of acids onto the body to be written upon.

Other objects and advantages of this invention will be apparent during the course of the following detailed description.

In the accompanying drawing, forming a part of this specification, and wherein similar reference characters designate corresponding parts throughout the several views.

Figure 1 is a front view of the battery tag, showing the relation of the body of the tag and a claim check which is detachable therefrom, with respect to an acid resistant sheet or cover.

Figure 2 is a rear view of the tag of Figure 1.

Figure 3 is an enlarged vertical sectional view taken through the tag of Figures 1 and 2.

Figure 4 is a view showing how the upper portion of the tag is attached to a storage battery, after the claim check has been removed and given to the person whose battery is being serviced; the tag showing the relation in which the transparent acid resistant cover shields the body of the tag which may be written upon, from contact of battery acids.

Figure 5 is a perspective view showing the relation in which a transparent acid-resistant cover may be folded back to permit the entry of written matter upon the opaque or unwaxed portion of the tag.

In the drawing, wherein for the purpose of illustration is shown only a preferred embodiment of the invention, the letter A may generally designate the improved tag as it appears prior to severing of the claim check therefrom. It consists of a body B; claim check C; and protecting cover D.

While the tag A is only one type of tag in which the invention may be used, in practically all types of tags used in the storage battery trade, the same will comprise the body B which is attached to the storage battery to identify the owner of the latter; the claim check C being originally connected along a perforated tear line 10, with the body B. The portions B and C of the tag are preferably of cardboard or any other economic material, which may flex, or may not flex, as desired, but the surfaces of which

are preferably unwaxed and may be readily written upon with pencil or ink.

The cover D is preferably formed of heavily waxed, or wax impregnated light weight white paper, which is treated until the same is substantially transparent. This cover D is bent at 11 between the ends thereof, and folded over the top edge 12 of the body B of the tag, and flaps 13 and 14 of the cover are brought downwardly over the front and rear faces of the body B of the tag, to entirely cover the same. An eyelet 15, preferably metallic, is clamped to the upper ends of the flaps 13 and 14 and thru the body B at its upper end, to secure the cover D in the position described, upon the body B. This eyelet 15 of course provides an opening thru which an attaching string E may be threaded to attach the tag, or so much of it as desired, to the battery F. This eyelet 15 is secured midway between the side edges of the body of the tag, and at the top thereof, so that the cable E will hold the same supported in a vertical plane with the protecting margin 11 of the cover D uppermost, to act as a roof for deflecting battery acids which may be spashed over from the top of the battery, downwardly over the exterior surfaces of the side flaps 13 and 14, to prevent the battery acid from contacting the card body B, and thus avoiding deteriorating effects thereon. It is thus apparent that the enclosure D acts as a sort of tablet cover, and in fact covers both surfaces of the tag body B and the upper roof edge thereof.

The claim check C, of course, may have suitable indicia 20 thereon, which is duplicated at 21 upon the front side of the tag body B, for purposes well known to the trade. The front surface of the tag body B is provided with suitable entry blanks, designated at 22 in Figure 1 of the drawings, whereon the name and other data may be written with pencil or ink, with ease, inasmuch as the body B is unwaxed and unglossed, and preferably presents a writing surface which may take pencil and ink readily without undue pressure. The rear surface of the body B is provided with other entry blanks 23, shown in Figure 2, which may be pertinent to operations on the battery, and for containing other data.

In the use of the improved tag A, the customer at the time of leaving the battery for servicing is given the claim check C, which is of course severed along the perforated tear line 10, and the service station threads the attaching cord E thru the eyelet 15 and thru the handle 30 of the storage battery F, so that the tag body B and its protecting coating D hang vertically downward, with the protecting roof edge 11 uppermost.

The tablet feature of the tag allows written entries to be made from time to time on the protected surface of the body B, merely by lifting the transparent acid resistant cover or flap 13 or 14, as the case may be, without removing or untying the bag from the battery. The transparent nature of the acid resistant coating permits the battery station attendant to read the printed and written indicia on the body B at all times, without lifting or touching the acid-proof cover.

From the foregoing it can be seen by those skilled in this art, that a simple, efficient an economical solution of a problem which has long perplexed the art, has been achieved and that the inventive features of the tag while applicable to others, are particularly useful in connection with the transaction of business having to do with the handling and servicing of storage batteries containing acids.

Various changes in the shape, size, and arrangement of identification, claim check, and transparent acid resisting cover parts of the improved tag may be made, without departing from the spirit of the invention or the scope of the claims.

I claim:

1. As an article of manufacture a storage battery identification tag comprising a card-like body of a material which may readily be written upon at its exposed surfaces, a claim check attached by a tear line at an edge of said body, and transparent acid-resistant closure flaps connected at the attaching portion of the card body to cover the surfaces of said card body and movable aside to permit writing upon said card surfaces.

2. As an article of manufacture an identification tag for substantially the purpose described comprising a card-like body having a surface which may be written upon with ease, and a transparent acid-resistant cover flap secured by an eyelet to a portion of said body and being flexible and otherwise free with respect to said body to fold back from said surface to permit written entries to be made thereon, but normally covering said surface in an acid protecting relation.

3. As an article of manufacture a storage battery identification tag comprising a card-like body having opposite faces provided with surfaces upon which written pencil or ink entries may be made with facility, transparent acid resistant cover flaps for said surfaces, and an eyelet securing said cover flaps at one end only to a margin of the body so that they may be independently folded back to permit written entries to be made on the surfaces of the card body, but normally rest flat against the respective surfaces in an acid protecting relation.

4. As an article of manufacture a storage battery identification tag comprising a card-like body having opposite faces provided with surfaces upon which written pencil or ink entries may be made with facility, trans-

parent acid resistant cover flaps for said surfaces, an eyelet securing said cover flaps at one end only to a margin of the body so that they may be independently folded back to permit written entries to be made on the surfaces of the card body, but normally rest flat against the respective surfaces in an acid protecting relation, and a protecting margin of acid-resistant material united with said flaps and engaging in a protecting relation about the margin of the card body adjacent which the eyelet is attached.

5. As an article of manufacture a storage battery identification tag comprising a card-like identification body having opposite surfaces upon which written entries may be made, and a wax impregnated transparent cover including independently movable cover flaps covering the opposite surfaces of the card-like body and engageable in an edge protecting relation about an edge of said card-like body.

6. As an article of manufacture a storage battery identification tag comprising a card-like identification body having opposite surfaces upon which written entries may be made, a wax impregnated transparent cover including independently movable cover flaps covering the opposite surfaces of the card-like body and engageable in an edge protecting relation about an edge of said card-like body, and means securing said flaps in a protecting relation over the opposite surfaces of the card-like body at a location adjacent the edge about which the cover extends in a protecting relation, the flaps being free at their opposite ends from connection to said body, whereby the flaps may be manually folded back to expose the faces of the card-like body for making written entries.

7. As an article of manufacture a storage battery identification tag comprising a card-like body of a material which may readily be written upon at its exposed surfaces, a claim check attached by a tear line at an edge of said body and a transparent acid-resistant flap connected at the attaching portion of the card body to cover the surface of said card body and movable aside to permit writing upon said card surface.

OVERTON W. PENDERGAST.