Oct. 6, 1931. E. S. SPINNEY 1,826,580

PINLESS TICKET

Filed Dec. 20, 1930

Fig. 1.

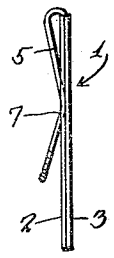


Fig. 2.

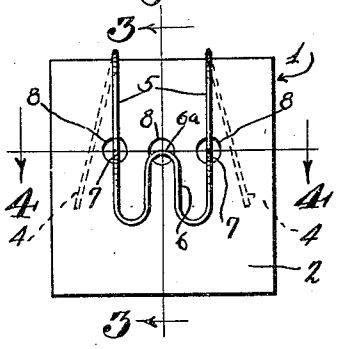


Fig. 3.

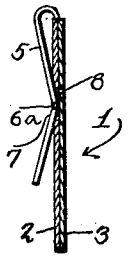


Fig. 4.

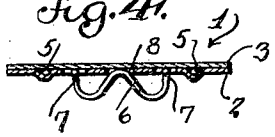


Fig. 5.

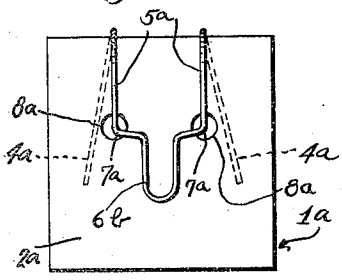


Fig. 7.

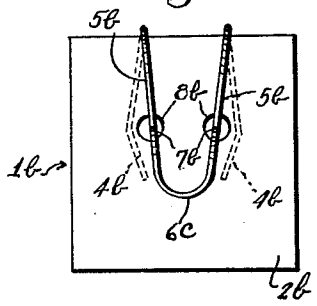


Fig. 6.

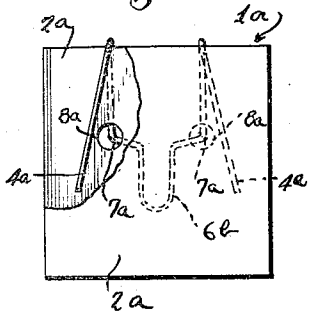


Fig. 9.

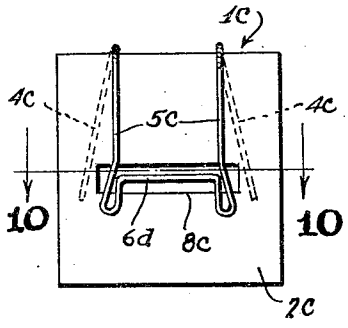


Fig. 8.

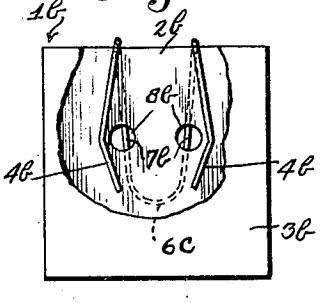
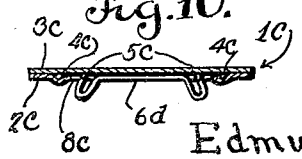


Fig. 10.



Inventor

Edmund S. Spinney.

By Bryant & Lowry

Attorneys

Patented Oct. 6, 1931

1,826,580

UNITED STATES PATENT OFFICE

EDMUND S. SPINNEY, OF ATTLEBORO, MASSACHUSETTS, ASSIGNOR TO THE ADAM SUTCLIFFE COMPANY, A CORPORATION OF RHODE ISLAND

PINLESS TICKET

Application filed December 20, 1930. Serial No. 503,822.

This invention relates to certain new and useful improvements in pinless tickets.

The primary object of the invention is to provide a price tag or pinless ticket of the type usually associated with articles of merchandise such as carpets, cloth, wearing apparel and the like, the tag or ticket being engaged with the merchandise in a manner whereby injury to the merchandise is entirely eliminated as the tag or ticket is substantially in the form of a pinless clamp so that the article or merchandise is in no way perforated by the application of the tag or ticket thereto.

A further object of the invention is to provide a price tag or pinless ticket of the foregoing character wherein a wire clip is permanently attached to the price tag or ticket by having ends of the wire clip embedded between plies of the tag or ticket for permanent attachment thereto and with one ply of the tag provided with one or more openings of restricted area into which portions of the wire clip extend for more effectively retaining the price tag or ticket engaged with the associated article of merchandise.

With the above and other objects in view that will become apparent as the nature of the invention is better understood, the same consists in the novel form, combination and arrangement of parts hereinafter more fully described, shown in the accompanying drawings and claimed.

In the drawings:—

Figure 1 is an edge elevational view of a price tag or pinless ticket constructed in accordance with the present invention, showing the tag formed of two plies of material and the wire clip disposed at one side of the tag with a portion thereof extended into an opening formed in the adjacent ply of the tag;

Figure 2 is a front elevational view of the tag showing a series of openings in one ply of the tag, with portions of the wire clip entering the openings and with the ends of the wire clip illustrated by dotted lines, embedded between the plies of the tag;

Figure 3 is a vertical cross-sectional view taken on line 3—3 of Figure 2;

Figure 4 is a cross-sectional view taken on line 4—4 of Figure 2;

Figure 5 is a front elevational view showing another form of wire clip associated with a price tag or ticket;

Figure 6 is a rear elevational view of the tag shown in Figure 5, partly broken away, and illustrating the ends of the wire clip embedded between the plies of the tag and also an opening in one ply of the tag;

Figure 7 is a front elevational view of another form of wire clip and tag;

Figure 8 is a rear elevational view the tag shown in Figure 7, partly broken away;

Figure 9 is a front elevational view of another form of price tag showing a slotted opening in one ply of the tag and a bar portion of the wire clip positioned therein and with the ends of the wire clip permanently embedded between the plies of the tag; and

Figure 10 is a horizontal sectional view taken on line 10—10 of Figure 9.

This invention embodies a price tag adapted to be attached to garments or other merchandise without the necessity of the employment of a pin as is customary in articles of this general character resulting in perforating or mutilation of the merchandise and in previous devices, where a spring clip has been employed in association with a price tag, the spring clip and price tag have been separate elements with the result that the spring clips frequently become lost or misplaced and an ordinary pin is employed with the price tag for attaching the same to an article of merchandise. The present invention provides for the permanent attachment of a spring clip to a price tag to provide a unitary structure of the spring clip and price tag and to provide for a more effective retention of the price tag on the article of merchandise. The price tag which is preferably formed of two plies of material has the free ends of the spring clip permanently embedded between the plies thereof with one of the plies provided with one or more openings in which portions of the spring clip are received for a more effective

clamping engagement between the price tag and article of merchandise.

As shown in Figs. 1 to 4, the price tag 1 comprises a pair of plies 2 and 3 formed of paper, cardboard or other suitable material for such purposes and with which tag the spring clip is associated. The spring clip comprises a wire frame having its ends 4 permanently secured between the plies 2 and 3 of the tag with the exposed intermediate portion of the spring clip overlying the front side of the tag. The exposed portion of the spring clip comprises a pair of side legs 5 and an intermediate inwardly bent loop 6, the legs 5 being of angle formation as shown in Figs. 1 and 3, providing intermediate bends 7 in alignment with the end 6*a* of the intermediate looped portion 6. The ply 2 of the card 1 is provided with three openings 8 into which the bends 7 and loop end 6*a* are received, as clearly shown in Figs. 3 and 4. When the price tag is attached to an article of merchandise, the latter is received between the exposed portion of the spring clip and the tag 1, and a portion of the merchandise is forced into the openings 8 by the bends 7 and loop end 6*a* for the more effective retention of the tag on the article of merchandise. From an inspection of Figure 2, it will be observed that the ends 4 of the spring clip are positioned laterally of the outer openings 7 to provide for a more binding engagement between the price tag and article of merchandise as well as permitting easier removal of the price tag from the merchandise.

In the form of the invention shown in Figs. 5 and 6, the ends 4*a* of the spring clip are embedded and permanently retained between the two plies of the tag 1*a*, the exposed legs 5*a* of the spring clip having angle bends 7*a* to be received in a pair of openings 8*a* with the ends of the legs 5*a* formed into a single outwardly directed finger-engaging loop 6*b*.

Another form of spring clip is shown in Figs. 7 and 8, the tag 1*b* comprising the plies 2*b* and 3*b*, the ply 2*b* being provided with a pair of openings 8*b* while the spring clip comprises ends 4*b* permanently embedded between the plies 2*b* and 3*b*, the exposed legs 5*b* of the spring clip having angle bends 7*b* received in the openings 8*b* with the terminal ends of the legs 5*b* formed in an outstanding loop 6*c*.

In the form of the invention shown in Figs. 9 and 10, the card 1*c* comprises plies 2*c* and 3*c*, the ply 2*c* being provided with a slotted opening 8*c*, into which an intermediate bar portion 6*d* of the exposed legs 5*c* of the spring clip is received, the ends 4*c* of the spring clip being embedded between the plies 3*c* and 2*c*, as shown in Fig. 10.

In each of the forms of the invention, it will be observed that the ends of the spring clip are permanently embedded between the two plies of the tag and that the side ply of the tag facing the exposed portion of the spring clip is provided with openings in to which portions of the spring clip project, while the embedded ends of the spring clip are positioned laterally of the ply opening. As stated, the gist of this invention is to provide a price tag or pinless ticket wherein a spring clip is permanently carried by the tag or ticket, and more particularly in the manner in which the spring clip is attached to the tag or ticket.

From the above detailed description of the invention, it is believed that the construction and operation thereof will at once be apparent, and while there are herein shown and described the preferred embodiments of the invention, it is nevertheless to be understood that minor changes may be made therein without departing from the spirit and scope of the invention as claimed.

I claim:—

1. In an article of the character described, a tag formed of plies and a spring clip having its ends permanently secured between the plies, the clip including a frame overlying one side of the tag and said tag having depressions therein laterally of the retained ends of the clip to receive portions of the frame intermediate the ends thereof for clamping portions of an article to which the clip is attached in said depressions.

2. In an article of the character described, a tag body and a spring clip having its ends permanently secured in the tag body, the clip including a frame overlying one side of the tag and said tag having depressions therein laterally of the retained ends of the clip to receive portions of the frame intermediate the ends thereof for clamping portions of an article to which the clip is attached in said depressions.

3. In a tag of the character described, a tag body formed of plies, a spring clip having ends permanently secured between the plies, and a looped portion overlying one face of the tag, and the ply of the tag facing the looped portion having openings therein into which intermediate portions of the clip loop extend.

4. In a tag of the character described, a tag body formed of plies, a spring clip having ends permanently secured between the plies, and a looped portion overlying one face of the tag, the ply of the tag facing the looped portion having openings therein into which portions of the clip loop extend, and the ends of the clip being disposed laterally of the ply openings.

5. The combination with a tag adapted to be secured to a flat piece of merchandise, of a clip for securing said tag to the merchandise, said tag being formed of plies with cutouts in one ply, and said clip comprising a single piece of wire bent to provide an intermediate looped portion overlying the ply

with the cut-outs and with the ends of the wire permanently secured between the plies and said loop having angle bends received in the cut-outs, and said ends being disposed laterally of the cut-outs.

6. The combination with a tag adapted to be secured to a flat piece of merchandise, of a clip for securing said tag to the merchandise, said tag being formed of plies with cut-outs in one ply, and said clip comprising a single piece of wire bent to provide an intermediate looped portion overlying the ply with the cut-outs and with the ends of the wire permanently secured between the plies and said loop having angle bends received in the cut-outs, and an offset finger piece to facilitate movement of the clip loop away from the merchandise when applying and removing the tag.

In testimony whereof I affix my signature.

EDMUND S. SPINNEY.