C. H. HOLTON.

ELECTRICALLY LIGHTED SATCHEL.

APPLICATION FILED AUG. 21, 1916.

1,268,846. Patented June 11, 1918.

Fig. 1.

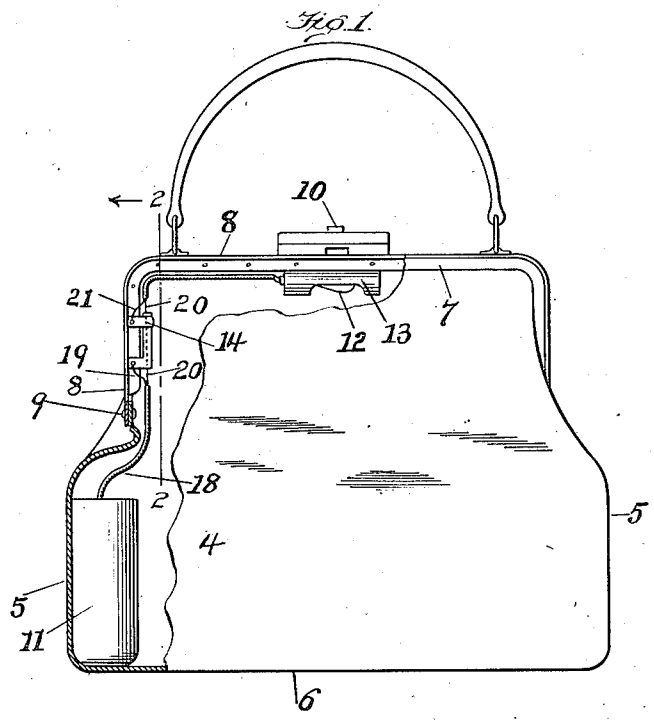


Fig. 2.

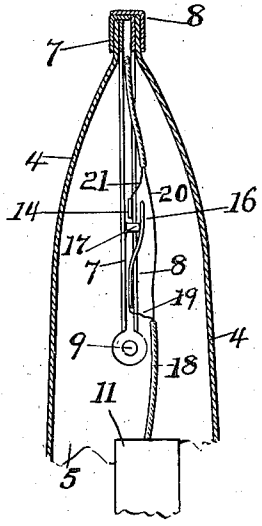
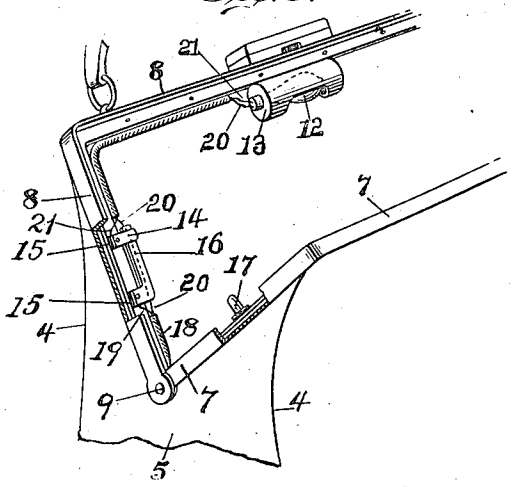


Fig. 3.



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ELECTRICALLY-LIGHTED SATCHEL.

1,268,846. Specification of Letters Patent. Patented June 11, 1918.

Application filed August 21, 1916. Serial No. 115,941.

To all whom it may concern:

Be it known that I, CHARLES H. HOLTON, a citizen of the United States, residing at Baltimore city, in the State of Maryland, have invented certain new and useful Improvements in Electrically-Lighted Satchels, of which the following is a specification.

This invention relates to an electrically-lighted satchel.

The small bags or hand-satchels carried by women when shopping or traveling, are opened and closed by the action of a two-part metal frame. The two parts of said metal frame have joints at their opposite ends and said two frame-parts swing on said two joints. The flexible walls of the bags or satchels are formed with a top-opening to the opposite side edges of which the said two jointed metal frames are attached. The users of these satchels place therein any kind of small articles which are often in a topsy-turvy mingled condition, and when a satchel is partly full it is frequently a troublesome matter for any one to pick out and abstract from the satchel any certain article desired because the interior of the satchel is dark.

The object of this invention is to improve a satchel having two flexible walls and a frame-part attached to each wall, said two frames being jointed together and forming the opening to the satchel, by providing an electric light bulb within the interior of the satchel; an electric battery; wire circuit connections which are carried by and move with one of the frame-parts; a switch and a switch-actuating device carried by the other frame-part and operated by the opening and closing of said two jointed-together frames.

The invention is illustrated in the drawing in which—

Figure 1 is an elevation of a satchel having one of its flexible walls partly broken away to expose to view an electric battery and other means for lighting.

Fig. 2 is a vertical cross section on the line 2—2 of Fig. 1.

Fig. 3 shows a satchel with its top open illustrating the electric-lighting parts.

Referring now to the drawing whose several parts are indicated by numerals, the flexible two side walls of the satchel are designated by the numeral, 4, the end walls by the numeral, 5, the bottom, 6, the inner metal frame, 7, the outer or overlapping metal frame, 8, the said two frames are coupled together at opposite ends by a pivot joint, 9, and an ordinary catch or fastening device, 10, is used to lock or hold said two pivoted frames when the satchel is closed. The foregoing described parts constitute an ordinary satchel.

I provide an electric battery, 11, which may be positioned within the satchel in any convenient location. The incandescent electric bulb, 12, is shown in the present instance attached to or carried by one of the two metal frames, 8, and is secured by an open case, 13; but the bulb may be otherwise placed and supported.

A switch is carried on one of the jointed frame-parts, 8, and said switch comprises a contact-plate, 14, fixed rigidly to said metal frame-part, 8, from which it is insulated by a piece of suitable insulating material, 15, interposed between the frame-part and contact, 14, see Fig. 3. The switch also includes a movable contact tongue, 16, one end of which has a right-angle shape and is secured to the same frame-part, 8, and underlaid by insulated material, 15. The free end of the contact tongue has position to underlap the said fixed contact-plate, 14. When this tongue, 16, actually makes contact with the fixed plate, 14, the circuit is closed and the bulb, 12, becomes lighted; this lighted condition occurs only when the satchel is open. The tongue, 16, is resilient, and it is this resilient property that causes it to make contact with plate, 14, when the satchel is open. To break the circuit a stud, 17, is employed and projects from the frame-part, 7, to press the said tongue, 16, from its contact with plate, 14, when the satchel is closed, as shown in Fig. 2. It will be seen that the act of opening the satchel has the effect to withdraw the stud 17, from pressing against the said tongue, 16.

The wire circuit is as follows: An insulated wrapper, 18, incloses the two wires, 19 and 20, and of these wires, the wire, 20, extends from one pole of the battery, 11, to the lamp bulb, while wire, 19, connects the other pole of the battery with contact tongue, 16. A wire, 21, connects the lamp bulb with said contact-plate, 14, so that when the circuit is closed it will include battery, 11, wire, 20, lamp, 12, wire, 21, contact plate, 14, tongue, 16, and wire, 19, back to the battery.

The tongue, 16, is resilient and tends to

engage the contact-plate, 14, but when the frame-parts, 7 and 8, are brought together to close the satchel the stud, 17, engages the tongue, 16, and presses it away from and out of contact with the plate, 14, thereby opening the circuit and extinguishing the light. The reverse is true when the satchel is opened in that the stud, 17, moves away from tongue, 16, and allows the latter to engage contact-plate, 14, and thereby close the circuit from the battery through the lamp, 12.

Having described my invention what I claim is—

The combination with a satchel having two flexible walls, of a frame-part attached to each wall and forming an opening to the satchel, the said frame-part of one satchel wall being pivotally connected to the frame-part of the other satchel-wall; an electric lamp in the satchel; a battery; a switch attached to one of said frame-parts said switch having a movable contact device; connections between the switch and the electric lamp; connections between the battery and switch; a connection between the battery and lamp all of said connections being movable with one of the frame-parts of the satchel, and means on the other frame-part of the satchel for moving the switch contact to an open position when the two satchel frames are closed together.

In testimony whereof I affix my signature in the presence of two witnesses.

CHARLES H. HOLTON.

Witnesses:

CHAS. B. MANN,

IZELLA E. BAGLEY.