No. 630,120. Patented Aug. 1, 1899.

C. P. SEARLES.

DUPLICATING MEMORANDUM PAD.

(Application filed Mar. 20, 1899.)

(No Model.)

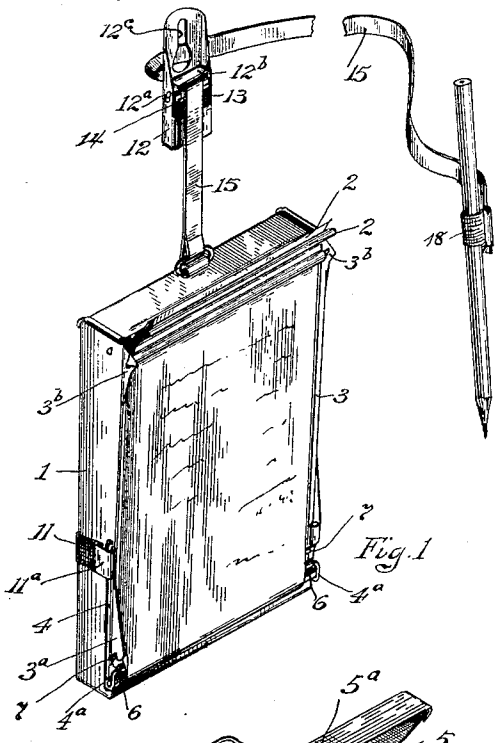


Fig. 1

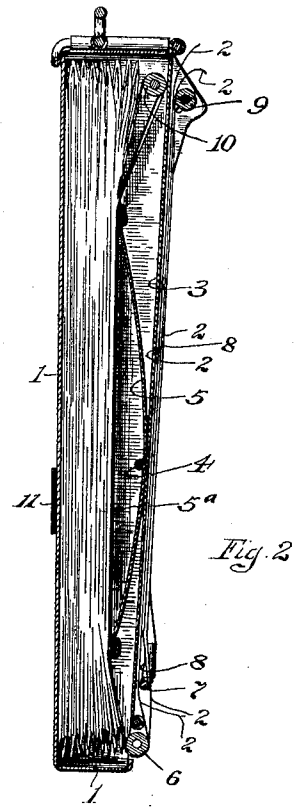


Fig. 2

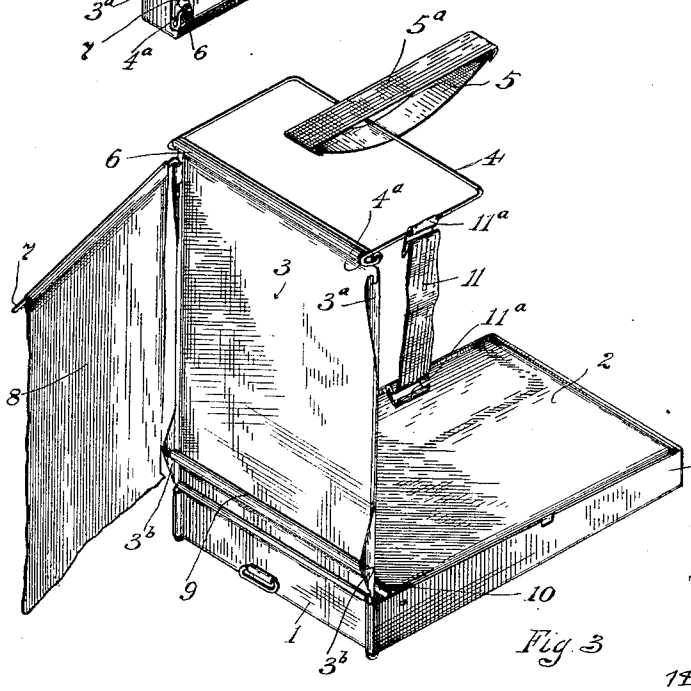


Fig. 3

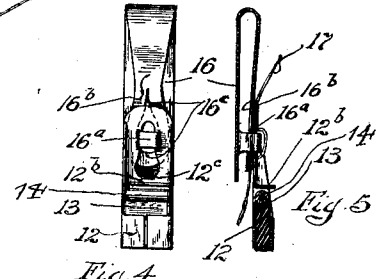


Fig. 4

Fig. 5

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES P. SEARLES, OF COLUMBUS, OHIO, ASSIGNOR TO SAMUEL L. BLACK, OF SAME PLACE.

DUPLICATING MEMORANDUM-PAD.

SPECIFICATION forming part of Letters Patent No. 630,120, dated August 1, 1899.

Application filed March 20, 1899. Serial No. 709,727. (No model.)

To all whom it may concern:

Be it known that I, CHARLES P. SEARLES, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Duplicating Memorandum-Pads; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The purpose of this invention more particularly is to provide an improved, simple, and easily-manipulated pad or tablet for clerks in retail stores, where it is the practice to make on slips of paper two memoranda of sales, one of which is sent to the cashier or wrapper and the other handed the customer. The devices at present in vogue are somewhat troublesome and time-consuming in use, because the two slips upon which the memoranda are made must be separately handled, so as to get them into proper relation and position to the carbon or duplicating paper.

My invention consists in the improved construction hereinafter described, and pointed out in the claims.

In the annexed drawings, in which I have shown one embodiment of my invention, Figure 1 is an isometric perspective of the device ready for use and for attachment to a button or other suitable device on a garment of the user. Fig. 2 is a longitudinal sectional view, on larger scale, of the box or pad alone. Fig. 3 is an isometric perspective showing the parts of the box or pad opened. Figs. 4 and 5 are front and sectional views, respectively, of the devices for attaching the box or pad to a garment of the user.

Like characters of reference in the several views designate corresponding parts.

1 designates the box or receptacle for the double strip of paper 2 2. The box is furnished with a lid or cover 3, hinged at one end to one end of the box. Hinged to the opposite end of the lid 3 is a rectangular wire frame 4, having fastened on its free end a friction or tension device consisting of a curved metallic spring 5, having attached to and stretched between its ends a flexible strap 5^a. The wire frame is capable of being folded against the inner side the cover or lid 3, as indicated in Fig. 2. Journaled or supported in loops or bends 4^a of the wire frame 4 is a roller 6, over which the two plies of paper strip are passed, sufficient space between the said roller 6 and the end of the box being provided to permit the passage of the paper from the box. On one edge of the free end of the outer side of the cover is pivotally secured a bar 7, upon which may be hung a slip of carbon or duplicating paper 8, the edge of the paper being looped and pasted, so that it may be slid onto or off the said bar 7, as indicated in Fig. 3, and this bar 7 is conveniently so positioned that its free end may be sprung into, and therefore removably held in, a notch 3^a in a lip at the opposite edge of the cover. In practice the inner ply 2, as it comes off the roller, is laid flat on the cover itself, and upon this first ply the bar 7 and its carbon or duplicating paper is turned to lie, and then upon the carbon or duplicating paper the outer ply is laid. In the initial arrangement of the paper it is drawn out sufficiently far to allow the ends of both plies 2 to be taken with the fingers without at the same time taking the duplicating-paper. In order that the free ends of the paper shall be held against the lid, I provide a gravity-roller 9, journaled in elongated inclined bearings formed in lips 3^b, near the hinged end of the cover. By reason of the inclined bearings the roller tends constantly to press against the paper and hold it against the lid in either the horizontal or using or the vertical or suspended position of the box. In the instance shown the double paper strip 2 2 is folded in what might be termed "zigzag" form, the folds being of such length that the package shall fit nicely in the box or receptacle, and in order that the free end may be drawn from the receptacle without disturbing the remaining portion I have provided the tension device 5 5^a; but to attain this result more satisfactorily I supplement the tension device with a roller or bar 10 in the end of the box opposite the paper-exit end.

When the wire frame 4, carrying the tension device, is folded against the inner side of the cover and the cover is closed against

the box, said cover may be held closed by means of an elastic strap 11, having at its ends small metallic clips 11^a, one of which is permanently but slidably secured to the side parts of the wire frame 4, while the other is removably hooked over the opposite part of the said wire frame 4 after the strap has been drawn around the under side of the box. This strap 11 very conveniently holds or assists in holding a card or slip of paper on the under side of the box, and upon this paper a record and report of the day's business may be made. The movable character of the strap 11 makes easy the placing and taking off of this day card or slip.

Portable sales-slips, books, or pads are ordinarily attached or held to some garment of the user, so as to not be easily lost or misplaced and to be immediately at hand when needed. In conjunction with my improved sales-slip case I have therefore shown a convenient device for attaching it to the garment of the user. This device comprises principally a friction device formed of a frame 12, having at its lower end a pocket or receptacle for a spring, preferably a block of rubber 13, which presses a roller 14, journaled in elongated bearings 12^a (see Fig. 1) in the sides of the frame 12, against or toward a shoulder 12^b, standing between the sides of the frame above the roller. The roller and shoulder form a friction device, permitting the movement of the box or pad suspending strap 15, but holding such strap at any point to which it may be adjusted. The upper portion of the frame 12 is provided with an eye 12^c, enlarged at its lower end. In order that the friction device may be securely attached to a garment, I provide a device comprising a base 16, having a head or button 16^a stamped or formed thereon, and a spring-clasp 16^b, provided with an opening 16^c, so that the clasp may be sprung down over the head or button 16^a and an interposed portion 17 of a garment. When this has been done, the friction device, by means of the enlarged portion of the eye 12^c, may be placed upon the head or button 16^a and the friction device pulled down. The spring-clasp 16^b presses outward against the friction device and holds it on the head or button 16^a.

A pencil may be attached to the free end of the strap by means of an elastic loop 18, attached to such end of the strap, as clearly indicated in Fig. 1.

Many modifications of the details of construction herein shown and described may be made without departing from the scope of the invention.

The material of which many of the parts are formed is obviously unimportant; but for strength, longevity, and durability aluminium is recommended for the box and its lid. It will also be expedient to furnish the strips 2 2 perforated at regular intervals or between each ticket, so that when written upon they may be easily separated from the main package.

From the foregoing it will be observed that after the box or receptacle has been once filled and the duplicating-strip properly arranged with respect to the carbon-paper no further manipulation of the carbon or strip is necessary except to pull the parts of the strips alone and simultaneously out of the receptacle.

The friction device permits the portion of the strap suspending the pad or box to be shortened when the pad is not in use.

The word "duplicating" as herein employed does not mean the making of two copies, but of two or more, for it is obvious that more than two plies may constitute the strip upon which memoranda are made and that additional devices for holding carbon-papers may be added without the exercise of ingenuity; but more than two memoranda will rarely be needed.

What I claim, and desire to secure by Letters Patent, is—

1. In a duplicating memorandum-tablet or sales-ticket device, a box 1 having a cover 3 hinged thereto at one end, a wire frame 4 carrying a spring-tension device hinged to the other end of said cover, and means for securing said cover closed upon said box, substantially as described.

2. In a duplicating memorandum-tablet or sales-ticket device, a box 1 having a cover 3 hinged thereto at one end, a wire frame 4 carrying a spring-tension device hinged to the other end of said cover, and a strap 11 slidably secured to said frame 4 to be passed around the under side of said box, substantially as and for the purposes explained.

3. In a duplicating memorandum-tablet or sales-ticket device, a box 1 having a cover 3 hinged thereto at one end, a wire frame 4 carrying a spring-tension device, a roller 6 hinged to the other end of said cover, and means for securing said cover closed upon said box, substantially as shown and described.

4. In a duplicating memorandum-tablet or sales-ticket device, a box 1 having a cover hinged thereto at one end, and a bar 7 to removably receive the carbon-paper hinged at one corner of said cover, and a notched lip 3^a at the opposite corner of the same end of the cover into which the free end of said bar may be removably sprung, substantially as described.

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

CHARLES P. SEARLES.

Witnesses:
GEORGE W. ALFRED,
GEORGE M. FINCKEL.