

(No Model.)

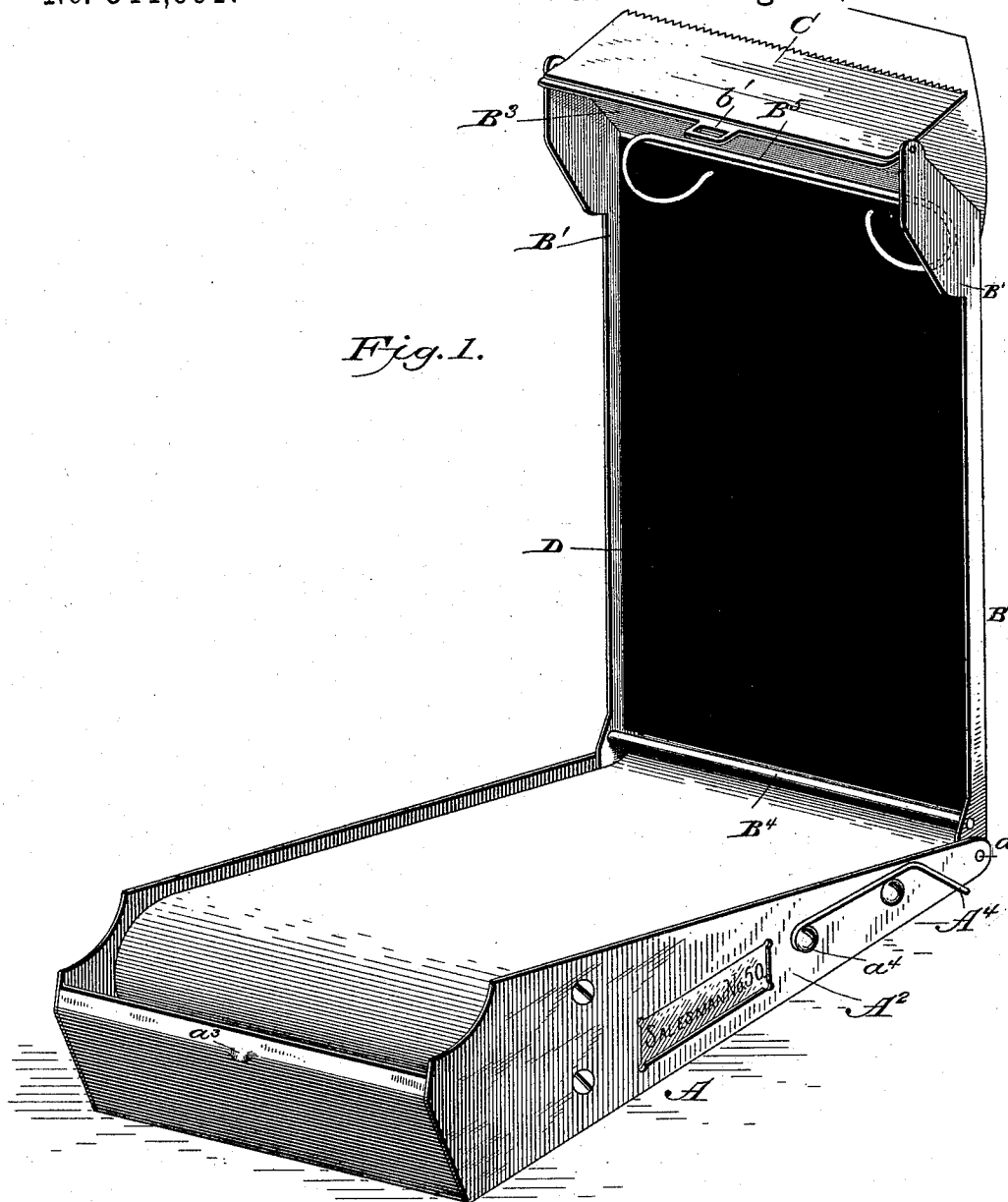
2 Sheets—Sheet 1.

C. H. MILLIKEN.

SALESMAN'S DUPLICATING MEMORANDUM DEVICE.

No. 544,991.

Patented Aug. 20, 1895.



Charles H. Milliken
INVENTOR

WITNESSES

L. S. Elliott,
E. M. Johnson

by *[Signature]* Attorney

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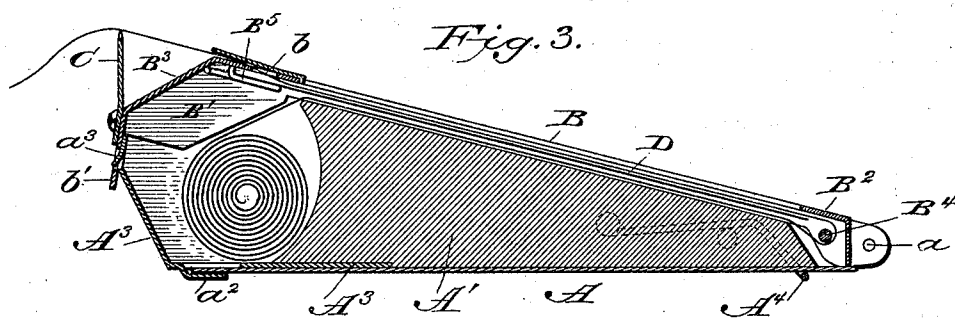
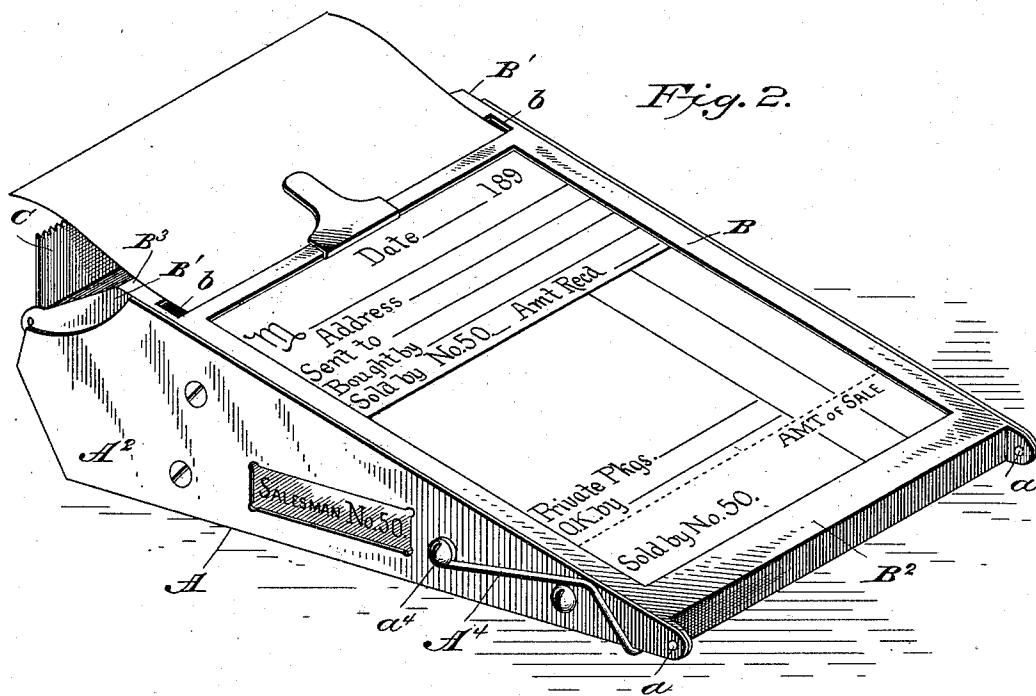
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UNITED STATES PATENT OFFICE

CHARLES H. MILLIKEN, OF MECHANIC FALLS, MAINE.

SALESMAN'S DUPLICATING MEMORANDUM DEVICE.

SPECIFICATION forming part of Letters Patent No. 544,991, dated August 20, 1895.

Application filed January 2, 1895. Serial No. 533,603. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. MILLIKEN, a citizen of the United States of America, residing at Mechanic Falls, in the county of Androscoggin and State of Maine, have invented certain new and useful Improvements in Salesmen's Duplicating Memorandum Devices; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to devices designed for the use of salesmen in stores by means of which a duplicating memorandum device is provided which will at one writing on a single strip of paper produce a duplicate autographic record on the strip, said strip being adapted to be severed so that one copy may be given to the cashier, another to the customer, and a third retained by the salesman, the device being so constructed that it will retain a carbon sheet in connection with the strip or roll of paper, the latter being folded or doubled so that an original memorandum may be made on one portion and a duplicate on another portion, to the end that the web section containing both the original and duplicate can be withdrawn from the device and detached.

The invention consists in the construction and combination of the device which comprises a bed or platen, a receptacle for a roll of paper at one end of the bed or platen, and a bar at the opposite end, around which the paper from the roll passes, so as to be superimposed upon itself with an interposed manifold sheet.

The invention further consists in the construction and combination of the parts, as will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of a device embodying my invention, the parts being partially separated to better show the construction thereof. Fig. 2 is a perspective view showing the device ar-

ranged in a position for use, and Fig. 3 is a longitudinal sectional view.

The device consists of two sections A and B, which are hinged to each other by means of the pins or rivets *a*. The part or section A, which may be termed the "base," is made up of a bed or platen *A'*, preferably of wood, in a tapered or wedge-shaped form to provide a flat face and back. The thicker end of this wedge-shaped block is cut away to form part of the roll-chamber hereinafter described. To the sides of the section A are secured side pieces *A*², which extend beyond the block at both ends and slightly above the upper face of the same. A plate *A*³ is secured to the under side of the thicker end of the block, and extends beyond said end to form a part of the roll-chamber, and this plate has tongues *a*² struck up from the lower part, as well as a projection *a*³ near its upper edge. The plate *A*³ lies between the side pieces *A*², and is bent, as shown, to conform to the ends of the side pieces. The block *A'*, side plates *A*², and end plate *A*³ constitute the section A of the device, and said section has attached thereto a wire bail *A*⁴, which extends across the under side of the thinner end of the block, and is secured to the sides thereof by means of screws *a*⁴, which pass through eyes formed at the terminals of the bail, other screws impinging against the side members to hold the cross-bar in contact with the under side of the block, and by means of this bail and the tongues *a*² is secured to the back of the device a check-sheet for enumerating thereon a day's sale made by the salesman, the upper end of the check-sheet being placed beneath the tongues *a*². The side plates *a*² and end plate *a*³ are rigidly secured to the block *A'* by means of screws, as shown.

The upper section B of the device is preferably struck up from a single plate of metal to present an open frame having side members *B'*, with connecting cross-pieces *B*² and *B*³. The side pieces of the upper section are adapted to lie within the side pieces *A*² of the section A, and are connected thereto at one end by means of the pins or rivets *a*. The cross-piece *B*² of the upper section is bent downwardly, as shown in Figs. 2 and 3, to cover the lower end of the device, and the

cross-piece B³ is provided with a slot *b*, adjoining the opening in the frame or section, and beyond the slot the cross-piece is bent to form the balance of the roll-chamber, formed in part by the lower section of the device. The end of the cross-piece B³ is provided with an apertured projection *b'*, which engages with the projection *a*³ to hold the sections together.

C designates a plate having a serrated edge and projecting pins which bear in apertures in the side pieces of the section B, the cross-piece B³ being bent to bear against the plate C.

The construction of the sections herein shown and described is one that entirely obviates the use of solder or brazing and greatly reduces the cost of the manufacture of the chief parts, as well as lessens the liability to break by use or by reason of imperfect workmanship. The construction is also advantageous in that the parts are preferably nickel-plated and can therefore be made from plates already plated.

The section B carries a bar or roller B⁴ near its lower end and beneath the cross-piece B³, and the upper part of the section above the roll-chamber carries a spring-bar B⁵, which is attached at its central point to the under side of the cross-piece B³ above the slot *b*, and this spring-bar is bent, as shown in Fig. 1, the terminal portions projecting upwardly, so as to extend into perforations or indentations in the cross-piece B³, and is adapted to hold a carbon or transferring sheet in engagement with the section B. It will be noted that the parts of the frame B on either side of the open space therein present ledges which overlie the record-sheet, as well as depending portions which bear upon the block or bed A' of the lower section. This construction not only serves to hold the record-sheet in place, but also gives greater rigidity to said section.

The carbon sheet is designated by the letter D.

With this device is used a strip of paper in the form of a roll, and on one side of the same is the required printing-matter, which may be as indicated in Fig. 2 of the drawings, a blank space being provided to receive the duplicate memoranda. The rolled strip or record-sheet is placed in the roll-chamber, the free end being drawn over the bed A', around the bar B⁴, and over the carbon sheet, through the slot *b*, the carbon sheet having been placed in the section B and retained therein by the spring B⁵, so that the blackened face will be toward the bed or platen. The salesman makes his memorandum with a pencil, filling in the blank spaces and recording the number of articles sold and prices thereof. He may also record the amount of sale on the record-sheet. After completing the record the strip is drawn upon and severed into two or three parts, one of which may be sent with the goods, another retained by the salesman,

and the third sent to the cashier. It will be noted that by this construction but a single strip wound upon itself is used for either making a duplicate or triplicate record.

From the foregoing it will be apparent that the device is not only simple and efficient in use, but it simplifies to a great extent the custom of using duplicate memorandums, inasmuch as the necessity for using expensive and specially-arranged books is obviated, and the within-described improvement only involves the introduction of a new roll of paper from time to time.

The device can be easily carried in the pocket, the wedge-shape form permitting it to be readily slipped therein.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination in a salesman's duplicating memorandum device, of a casing or frame provided with a receptacle for a roll of paper, a bar located at the opposite end of said casing around which the paper from the roll passes so as to be superimposed upon itself, and an interposed manifolding sheet between the web of paper, for the purpose set forth.

2. The combination in a salesman's memorandum device, of a section having a bed or plate and receptacle for a roll of paper at one end, a guide-bar or roller located beyond the opposite end of the bed, and a section having an open portion and a slot above the same through which the web of paper passes, the parts being organized as shown and provided with a manifolding sheet whereby duplicate memorandums can be made on a single web.

3. The combination in a salesman's duplicating memorandum device, of sections having a receptacle for a roll of paper at one end, a bed or platen over which the web of paper passes and a bar or transverse guide beyond the bed or platen, means for retaining a carbon-sheet above said bed, the paper in the receptacle passing immediately above the bed around the bar and above the carbon-sheet the loose end of the paper being passed through a slot in the upper part of the frame, substantially as shown and for the purpose set forth.

4. The combination in a salesman's memorandum device, of a bed or platen, a bar or roller located adjacent to one end thereof and a roll-chamber at the other, said chamber being below the bed or platen to provide the tapered construction the bed of which is in an inclined position, the roll in the chamber having its web passed over the bed to the guide-bar and superimposed upon itself with an interposed manifolding sheet, substantially as shown and for the purpose set forth.

5. In a salesman's memorandum or autographic duplicating device, the combination, of a section A having a bed or platen, a roll receiving chamber and means for retaining on said section a check-sheet, of a section B hinged to the section A and having a cut away

portion and a slot above the same, a serrated plate carried by the section B and a guide-bar or roller positioned beyond the bed or platen, means attached to the section B for retaining a carbon-sheet the same being adapted for use with a roll which is passed under the carbon-sheet around the guide-bar and through the slot in the upper part of the section B, for the purpose set forth.

6. In a roll carrying memorandum device for the purpose set forth, the combination, of a section A comprising a tapered block to which side pieces A² and an end piece A³ are attached so as to form at the upper or thicker end of the block a roll-chamber, of a section B having angular side pieces and part which completes the roll-chamber and engages with the part A³ of the section A, one of the sections carrying a guide-bar, the parts being pivotally connected to each other, substantially as shown and for the purpose set forth.

7. In a manifolding device, the combination with the sections A and B, the section B being struck up from a single piece of metal the section A having a tapered block A' with a concave end the side pieces A² and end piece A³ being attached to said block, for the purpose set forth.

8. In a portable or pocket autographic duplicating memorandum device, the combination, of a casing consisting of two sections pivoted to each other, one section being provided with a platen and at one end with a roll-chamber and the other section having a guide-bar beyond the platen and a clamp for retaining one end of a carbon-sheet, the strip of paper being adapted when passed over the platen and guide-bar to form two stretches movable in opposite directions, with an interposed carbon-sheet, whereby autographic duplicating memorandums can be made from a single continuous sheet of paper.

9. In an autographic duplicating device, the

combination, of a case having a platen and a roll chamber for receiving a roll of paper, a roller or guide adjacent to the opposite end of the platen from the roll-chamber by means of which a single continuous sheet of paper may be drawn to form two stretches movable in opposite directions, a holder for retaining one end of a piece of carbon paper whereby a continuous sheet of paper in two stretches—one above and the other below the carbon-paper—moving in opposite directions will counterbalance the friction or pull upon the carbon-paper, thus allowing the free end of the carbon-paper to remain in its position unmoved.

10. In a pocket or portable autographic memorandum device, the combination, of two sections pivotally connected to each other at the smaller end, the lower section being constructed so as to provide a platen or pad and beyond the same a roll receiving chamber the other section having beyond the platen a guide-bar, above the same a recording space and beyond said recording space an opening for the passage of the recording strip, a carbon-paper holder carried by the upper section, the parts when closed being substantially wedge-shaped to provide an inclined writing surface and to permit the same to be readily placed in the pocket, the single continuous strip which is used being passed around the guide-bar so that the two stretches thereof will be moved in opposite directions, the free end of the strip projecting through the upper section above the roll chamber, as set forth.

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

CHARLES H. MILLIKEN.

Witnesses:

JESSE M. SIBBY,
HOLLIS E. DENNEN.