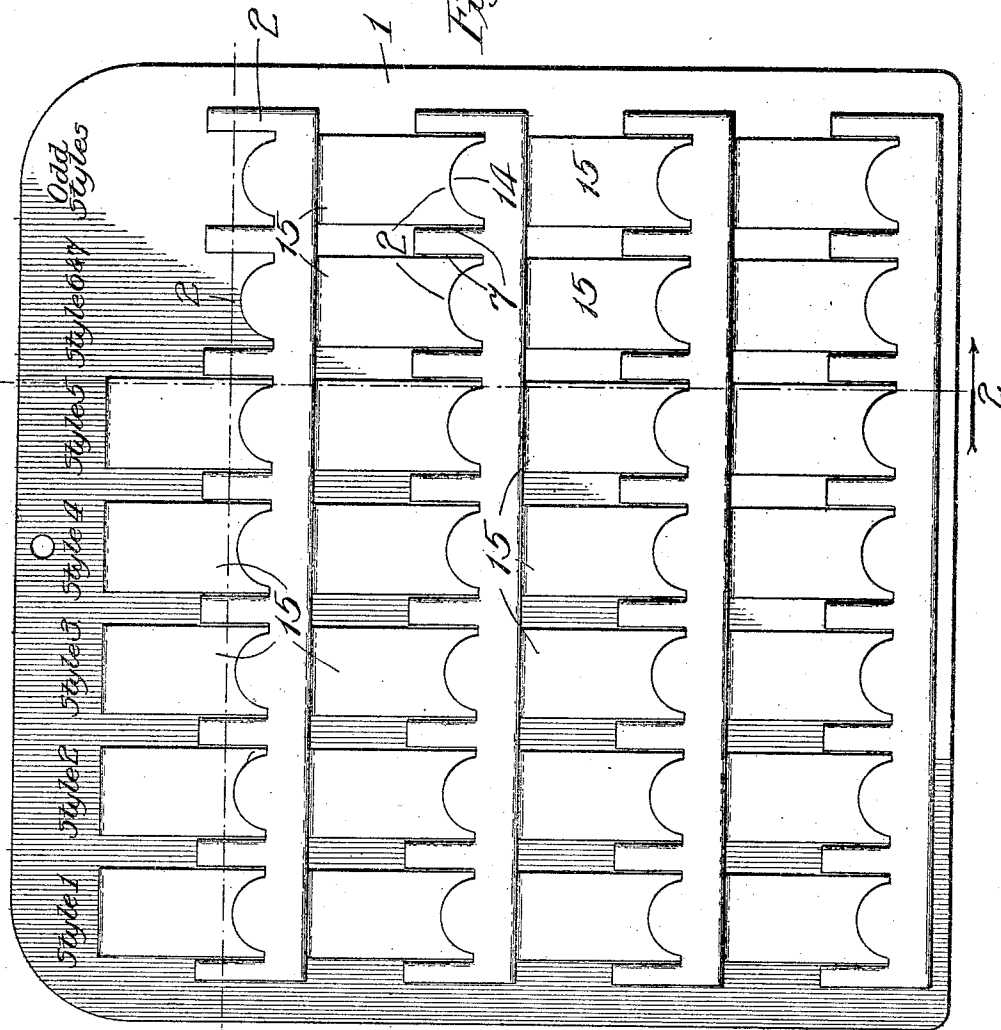
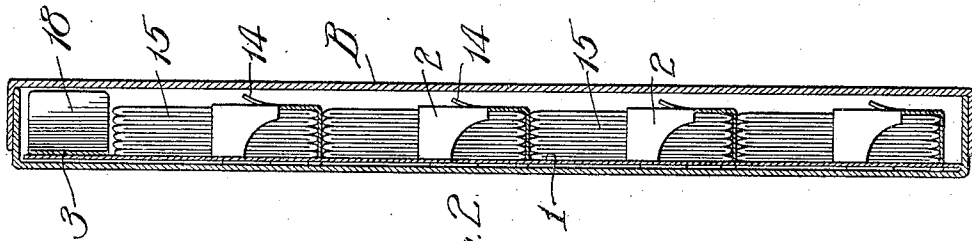


J. H. BOYE.
CABINET FOR NEEDLE PACKAGES, &c.
APPLICATION FILED AUG. 23, 1909.

946,873.

Patented Jan. 18, 1910.

2 SHEETS—SHEET 1.



Witnesses:
John Enders
Chas. H. Buell.

Fig. 1.

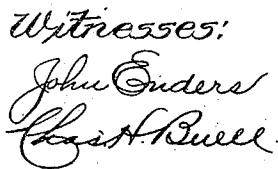
#

Inventor:
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CABINET FOR NEEDLE PACKAGES, &c.
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2 SHEETS—SHEET 2.



James H. Boye,
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UNITED STATES PATENT OFFICE.

JAMES H. BOYE, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE BOYE NEEDLE COMPANY,
OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

CABINET FOR NEEDLE-PACKAGES, &c.

946,873.

Specification of Letters Patent.

Patented Jan. 18, 1910.

Application filed August 23, 1909. Serial No. 514,227.

To all whom it may concern:

Be it known that I, JAMES H. BOYE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Cabinets for Needle-Packages, &c., of which the following is a specification.

My invention relates particularly to means adapted for storing and displaying packages of needles, etc., in such manner as to enable a salesman to quickly select the desired package and effect a sale.

My primary object is to provide a very simple and cheaply manufactured device especially adapted for the purpose indicated.

The invention is illustrated in its preferred embodiment in the accompanying drawings in which—

Figure 1 represents a front face view of my improved cabinet; Fig. 2, a sectional view taken as indicated at line 2 of Fig. 1, the cabinet being shown boxed for shipment, however; Fig. 3, an edge elevational view of the cabinet; Fig. 4, a view of a blank employed in forming the receptacles; Fig. 5, a sectional view taken as indicated at line 5 of Fig. 1; and Fig. 6, a broken rear elevational view of the main plate of the cabinet.

In the construction illustrated, A represents my improved cabinet; and B, a box adapted to contain the same. The cabinet A preferably comprises a sheet-metal plate 1 equipped on its front face with receptacles 2; and a brace 3 detachably connected with the rear surface of the plate 1 and adapted to support the plate in substantially a standing position. The receptacles 2 are arranged in vertical rows and also in transverse rows. The receptacles are open-topped receptacles, and each transverse row of receptacles may be formed by stamping a blank of the character shown in Fig. 4 so as to form partial walls for the receptacles and then combining the preparatorily stamped part with the plate 1. The blank shown in Fig. 4 is designated 4, and comprises a strip of sheet-metal cut to afford end-forming flaps 5, a bottom-forming flap 6, and lateral wall flaps 7. The end-forming flaps 5 are equipped with lugs, or tenons, 8, and the bottom-forming flap 6 is equipped with a tenon 9. In the forming operation, the end-flaps 5 and bottom-flap 6 are bent at right angles to the body 10 of the strip. At the same time the lateral wall-flaps 7 are also

bent at right angles to the body of the strip. The plate 1 is preparatorily provided near its vertical edges with perforations 11, and centrally with a perforation 12. These perforations are adapted, respectively, to receive the tenons 8 and 9, which, after insertion, are bent or riveted. When the strip is thus secured to the plate, the edges 13 of the flaps 7 abut against the front face of the plate, and said flaps thus form lateral walls for the receptacles. In cutting the blank to form the flaps 7, a curved projection 14 is left which affords an upward extension of the front wall of the receptacle. By combining a number of preparatorily stamped strips with the plate 1 and applying the same one above the other in horizontal position, the result is to provide the receptacles arranged in both vertical and transverse rows.

At the upper end of each vertical row of receptacles the plate is equipped with commodity-indicating characters. Thus, the first vertical row is marked Style 1; the second row, Style 2, etc. On the reverse side of the plate 1 is provided a table A¹. This table, as shown, comprises vertical rows of names of sewing-machines, with a style-number set opposite each name, so that the style-numbers are arranged in vertical rows. Above each row of numerals appears the words Style No. Only a portion of the table A¹ is illustrated in Fig. 6. The style-numbers of the table correspond with the commodity-indicating characters which appear at the upper end of the vertical rows of receptacles shown in Fig. 1. Different sizes of needles of the same style-number are placed in the several receptacles of each vertical row, so that one may select any desired size of a given style of needle from one vertical row. In Fig. 1, part of the receptacles are shown filled with needle packages 15.

The rear surface of the plate 1 is equipped with a vertical socket, or guide, 16 for the brace 3. Said socket may be formed by striking parallel strips of metal rearwardly, said strips being severed from the plate, except at one vertical edge, as will be clearly understood from Figs. 5 and 6. The brace 3 has a foot-portion 17 at its lower end adapted to rest upon a counter or show-case, and a bent portion 18 at its upper end adapted to enter the socket 16. When the brace is secured to the plate, it will serve to support

the plate in a slightly rearwardly inclined position, much after the manner in which an easel is supported. When it is desired to ship a cabinet, together with packages of
5 needles contained in the receptacles, the brace may be removed, and the device may be placed in a pasteboard box in the manner illustrated in Fig. 2.

The use of the device will be readily understood. The cabinet, standing upon a
10 counter or show-case, serves as a means for storing and displaying the needle packages in such manner as to enable the packages to be readily selected by the sales clerk in
15 effecting sales. When a customer desires a needle for a sewing-machine of a given name, the clerk looks at the table on the rear surface of the plate 1, and finds the style-number corresponding with the name of the
20 sewing-machine. He then glances at the commodity-indicating characters at the upper ends of the vertical rows of receptacles and selects the style-number corresponding with the name of the sewing-machine. It

is then an easy matter to select the desired
25 size of needle from the vertical row of packages thus indicated. As a further aid to the eye which will enable the clerk to select the vertical row at a glance, the wrappers of the needles of different styles are usually
30 given different colors. This feature forms no part of the present invention, however.

What I regard as new, and desire to secure by Letters Patent, is—

A cabinet comprising a plate and a plu-
35 rality of similar horizontally disposed transverse strips applied thereto immediately adjacent said plate, each of said strips having a flap forming a bottom wall for receptacles and having inwardly struck flaps affording
40 lateral walls for receptacles, each strip having a plurality of recesses in its upper portion corresponding with the several receptacles for which the said strip affords walls.

JAMES H. BOYE.

In presence of—

J. G. ANDERSON,
R. A. SCHAEFER.