

(No Model.)

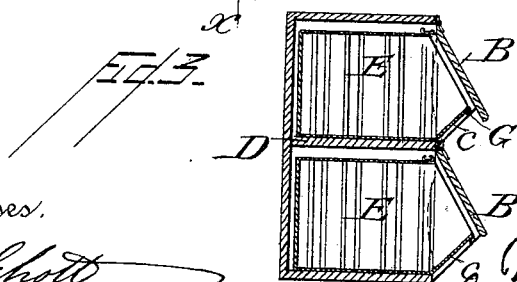
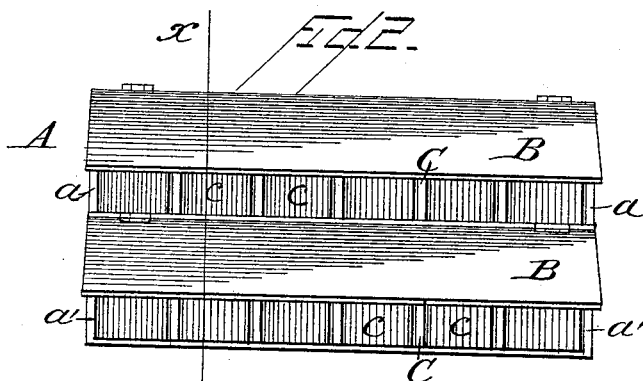
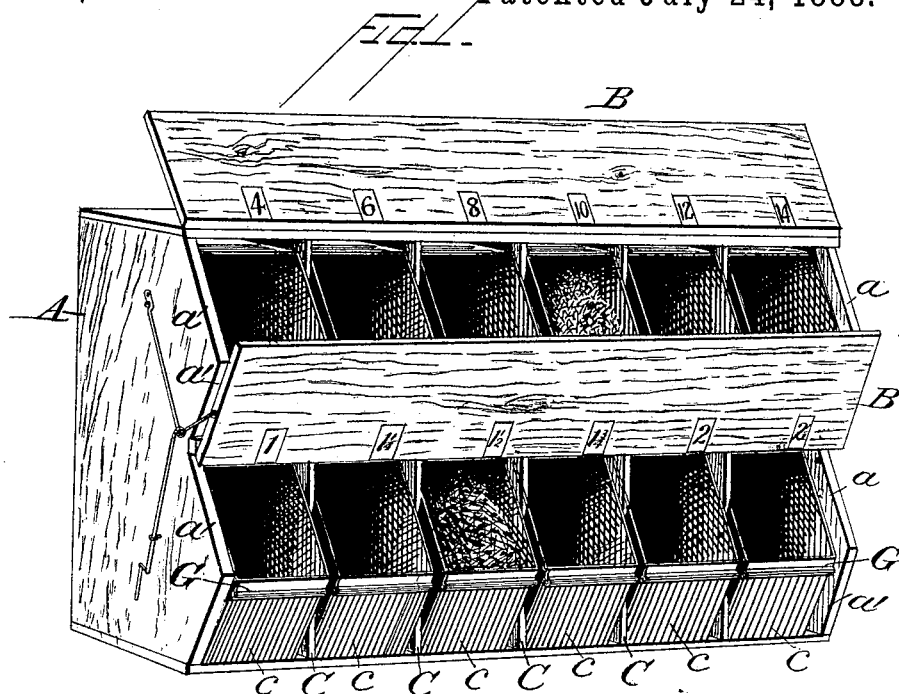
2 Sheets—Sheet 1.

W. G. BARNES.

NAIL CASE.

No. 386,681.

Patented July 24, 1888.



Witnesses,

H. H. Schott
W. L. Boyden

Inventor,

William G. Barnes

By his Attorney

John C. Tasker

(No Model.)

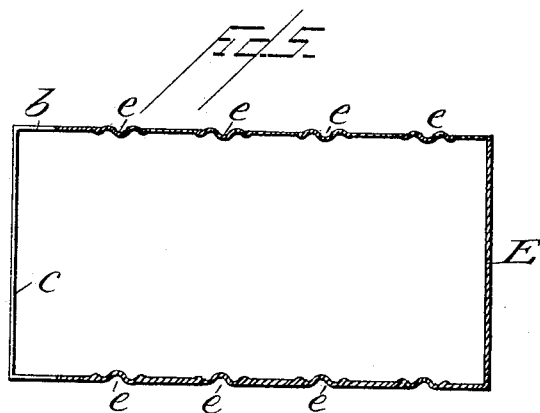
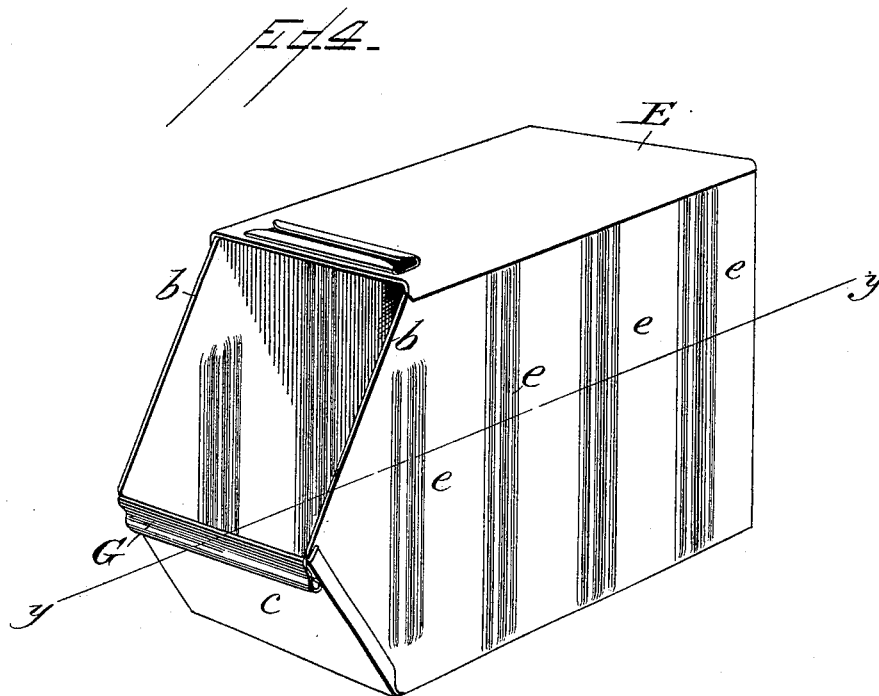
2 Sheets—Sheet 2.

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UNITED STATES PATENT OFFICE.

WILLIAM G. BARNES, OF AMSTERDAM, NEW YORK.

NAIL-CASE.

SPECIFICATION forming part of Letters Patent No. 386,681, dated July 24, 1888.

Application filed April 30, 1888. Serial No. 272,337. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM G. BARNES, a citizen of the United States, residing at Amsterdam, in the county of Montgomery and State of New York, have invented certain new and useful Improvements in Nail-Cases; 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.

This invention relates to an improvement in cases or boxes for containing tacks, nails, and similar articles, the object thereof being to provide means whereby nails, tacks, &c., can be more easily handled than is possible by the use of the receptacles customarily employed at the present time for the purpose of containing them; and the invention consists, essentially, in the construction, combination, and arrangement of parts, substantially as will be hereinafter described and claimed.

In the annexed drawings, illustrating the invention, Figure 1 is a perspective view of my improved nail bin or receptacle for containing tacks, nails, and the like, the lids or covers thereof being raised to expose the arrangement of the compartments within. Fig. 2 is a front elevational view of the same, shown on a smaller scale, with the lids or covers closed. Fig. 3 is a cross-section on the line *xx* of Fig. 2. Fig. 4 is an enlarged detail perspective view of one of the removable drawers or slides. Fig. 5 is a horizontal section on the line *yy* of Fig. 4.

Like letters of reference denote corresponding parts throughout all the different figures.

A denotes the main frame of my improved nail-bin, it being made in a general rectangular shape, of suitable size and form. The bin A is closed on all sides but one, and the edges of this side are formed with inclines *aa* and *a'*. Suitable lids, B B, are placed horizontally across the open side of the bin and hinged to said bin in such a manner as to be vertically movable. They are adapted to close the bin. There may be one or more of them, as desired. In the present example of my invention I have chosen to show two of them. When they are arranged in the position for closing the box, they rest upon inclines *aa*, the width of the said covers and the length of the inclines being made substantially equal to accomplish

this purpose. In Fig. 1 the covers are shown as open. In Fig. 2 they are shown as closed.

The bin or box A is divided into suitable compartments by means of vertical partitions C C, situated at convenient intervals, and also by horizontal partitions, of which there may be one or more, as D. It will be evident that in the construction of my improved nail-bin I may employ any number of horizontal partitions and any number of transverse vertical partitions, the number of said partitions being a matter to be determined upon by the person for whose use the bin is to be made. In the present example of my invention I have shown one horizontal partition and five vertical partitions above and below said horizontal partition, so that the entire bin is thus divided into twelve compartments. In each of these compartments is located a drawer or receptacle, E, preferably formed of sheet metal and preferably of the general form illustrated in Fig. 4, where it is shown as having an opening at the front end. These drawers or receptacles E are adapted to contain the tacks, nails, brads, or other articles with which my improved bin is to be used. The special construction of the drawers E may vary, and I do not wish to confine myself to any particular and identical form. The box E is formed with the vertical ribs or re-enforcements *ee* located at convenient points thereon. Furthermore, its vertical edges on the front end near its mouth or opening are inclined to correspond to the angle of inclination of the inclines *aa* on the bin proper. These inclines on the drawers E extend downward from the top for more than half-way to the bottom, as shown at *dd*, Fig. 4. The remainder of the front portion of the drawer—as, for instance, the part *c*—is closed, and is inclined in an opposite direction to that of the inclination of the edges *bb*. The inclination of the part *c* corresponds with the inclination of the edges *a'a'* of the bin proper. These drawers E slide easily into the compartments formed in the bin by means of the partitions hereinabove referred to. Each drawer is adapted to contain a particular size or quality of articles with which the bin is used. It will be found convenient to mark upon the bottom surface of the covers B B, in the manner shown in Fig. 1, the numbers or other symbols or characters indicative of the size,

quality, or nature of the nails, brads, or other articles that are contained within the drawer or receptacle located immediately below said number or symbol. These numbers or symbols will all be displayed conspicuously when the covers of the bin are opened in the manner shown in Fig. 1. When the covers are closed, the numbers will be concealed from view.

10 It has already been seen that the covers B B rest upon the inclines *a a*. In being thus arranged they close the openings in the drawers E E, and also they close a greater part of the bin itself. The remaining portion of the
15 bin, however, which is not covered by the lids B B, is closed by the end portion *c* of the drawers E, so that when the drawers are all located in place and the lids B B are closed this side of the bin presents a closed surface, as
20 shown in Fig. 2.

Any desirable kind of mechanism may be employed for the purpose of lifting the covers B B. In the drawings, Fig. 1, I have shown one form of this mechanism; but as I lay no
25 claim thereto its description further is unnecessary.

The boxes or receptacles E E are provided, furthermore, with a re-enforcing or stiffening

part, G, arranged in connection with the part of the box designated *c*. The part G turns
30 over the top edge of the front portion *c* and runs from the bottom of the box, and is for the purpose of strengthening the part *c*. It also assists, when the scale-pan is placed under the
35 box, to prevent nails from slipping out of said box.

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

The combination of the box A, open on one
40 side, the edges of which side are formed with inclines *a a* and *a' a'*, the horizontal partition D, and vertical partitions C C, for dividing the box into suitable compartments, the vertically-
45 movable lids B B, arranged horizontally across the open side, and the removable drawers or receptacles E E, located within the compartments and having their front ends shaped to correspond to the inclinations of the inclines
50 *a a*, all substantially as described.

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

WILLIAM G. BARNES.

Witnesses:

J. SPENCER FISHER,
MARTIN L. STOVER.