

(No. Model.)

W. C. HOWARD.

PIN PACKAGE.

No. 259,018.

Patented June 6, 1882.

Fig. 1.

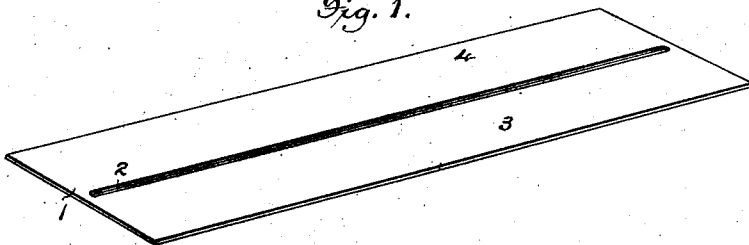


Fig. 2.



Fig. 3.

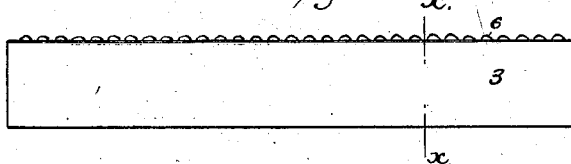


Fig. 4.

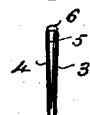


Fig. 5.

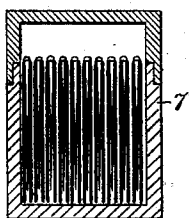


Fig. 6.

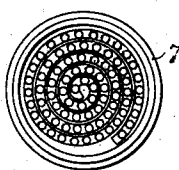


Fig. 7.

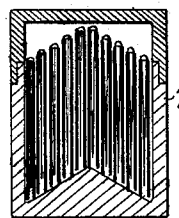
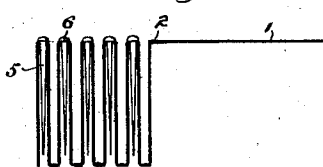


Fig. 8.



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UNITED STATES PATENT OFFICE.

WILLIAM C. HOWARD, OF BROOKLYN, NEW YORK.

PIN-PACKAGE.

SPECIFICATION forming part of Letters Patent No. 259,018, dated June 6, 1882.

Application filed March 2, 1882. (No model.)

To all whom it may concern:

Be it known that I, WM. C. HOWARD, a citizen of the United States, residing in the city of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Packages of Pins, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

In papering pins or making them up into packages of convenient form for sale and use according to the methods heretofore practiced the pins have been held in place by sticking them several times through the paper or other material. To do this accurately and rapidly required considerable skill and the use of complicated and costly machinery.

The present invention has for its object the reduction of the labor and expense attending this operation; and to that end it consists in a package of pins in which the pins, instead of being stuck through the paper or other holding material, are confined between its folds or plies.

In said drawings, Figure 1 is a perspective view of a piece of material prepared for the reception of the pins. Fig. 2 is a side elevation of the same after a row of pins have been placed in position. Fig. 3 is a side elevation of the same after the holding material has been folded so as to bring the pins between its plies. Fig. 4 is a cross-section taken upon the line *xx* of Fig. 3. Figs. 5, 6, 7, and 8 are views showing how pins papered according to the present method may be put up into packages of various styles.

In papering or putting up pins according to the present method a strip, 1, of suitable material is provided with a longitudinal slot, 2, of sufficient width to receive the bodies 5 of the pins, but not wide enough to allow the heads 6 to pass. A row of pins is then placed in the slot 2, as shown in Fig. 2, after which the holding material is folded, so as to bring the bodies of the pins between the plies 3'4, as shown in Figs. 3 and 4. The strip of material thus folded and holding between its plies a row of pins is then wound or folded and confined in such a manner that its plies are pressed together with sufficient force to retain the pins

in position. It may be wound into rolls and placed in boxes, as 7, as shown in Figs. 5, 6, and 7, or such rolls may be retained in position in any other convenient manner—as, for instance, by bands of paper or other suitable material pasted or otherwise secured around them. Instead of being wound into rolls, the material holding the pins may be wound or folded so as to form square or oblong packages, which may likewise be placed in boxes of corresponding shape, or be secured by bands of paper or other material.

In Fig. 5 the package of pins is shown in a box having a flat bottom; but a more desirable form of box is that shown in Fig. 7, in which the bottom is made convex upon its upper side, so as to give to the top of the package of pins a corresponding shape, which, as will readily be understood, will facilitate the withdrawal of the pins from the package.

In Fig. 6 there is shown a plan view of a box and package of this kind with the lid removed.

In Fig. 8 the slots for receiving the pins are shown as extending transversely of a wider strip of material, so that after the pins are inserted in the slots the material can be folded into a series of plies in the manner shown in the figure, so as to form a rectangular package. A package of this construction may be held together by bands of paper secured across its ends, or it may be placed in a box of suitable form.

The strip or sheet 1, which holds the pins, may be of any suitable material; but heavy soft paper or thin sheet-lead or other soft metal will be found most desirable it is thought.

What I claim is—

A package of pins consisting of a row or rows of pins confined between the folds or plies of the holding material, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM C. HOWARD.

Witnesses:

GEO. R. AITKEN,
T. H. PALMER.