

G. DOOLITTLE.
Tidy-Pins.

No. 144,325.

Patented Nov. 4, 1873.

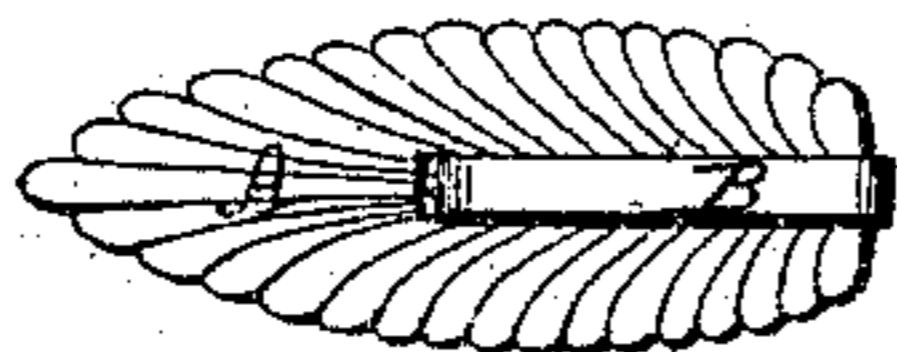


Fig. 1.

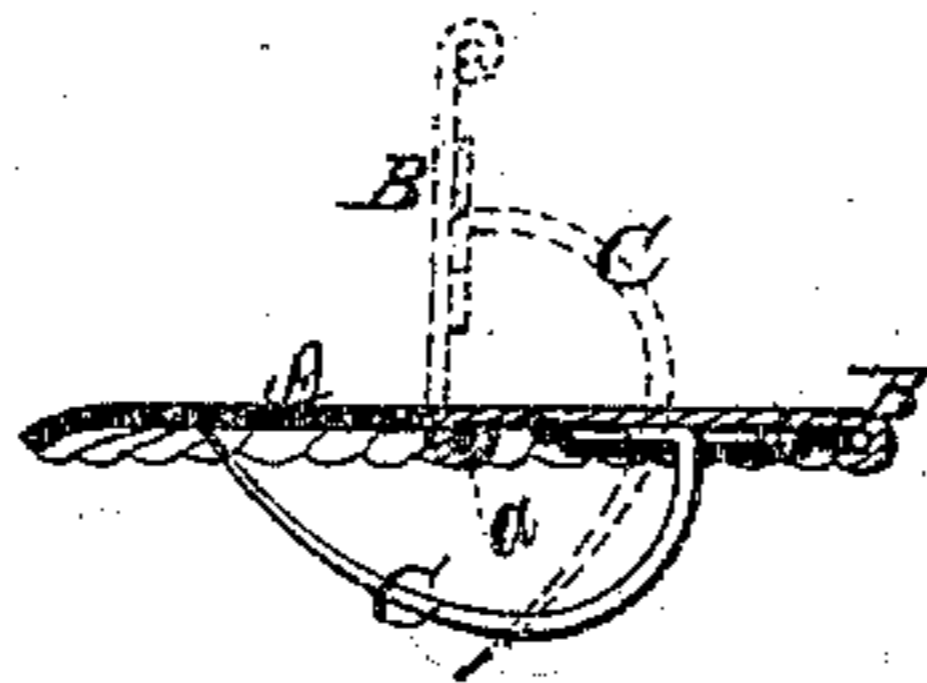


Fig. 2.

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UNITED STATES PATENT OFFICE.

GEORGE DOOLITTLE, OF BRIDGEPORT, CONNECTICUT.

IMPROVEMENT IN TIDY-PINS.

Specification forming part of Letters Patent No. **144,325**, dated November 4, 1873; application filed August 21, 1873.

To all whom it may concern:

Be it known that I, GEORGE DOOLITTLE, of Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Tidy-Pins; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings making a part of this application.

My invention relates to what are known as "tidy"-pins. It has for its object to provide a pin which, while it shall be cheap in construction, may be readily applied, and securely fasten the tidy to the furniture, &c.; and, to these ends, my invention consists in forming the body, or that part which serves as the head, of sheet metal in any desired or fancy shape, and adapted to receive the pin proper so that it shall swing in the arc of a circle upon a pivot made in the sheet-metal head, as will be hereinafter more fully set forth.

Previous to my invention pins adapted to the uses for which my invention is intended have generally been made entirely of wire and the pin-point enters the material and travels only as directed by the hand, and it is well known that it is tedious and sometimes almost impossible to secure, by means of the pins as at present made, a tidy to an upholstered chair, especially where the stuffing is at all heavy or compact, unless the fluted or crimped pin be used, which is generally forced straight into the material—that is, the point does not come out after it has once been directed in a given line. These pins are liable to be accidentally withdrawn, and are very likely to induce to the tearing of the slighter fabric.

To enable those skilled to more fully understand the construction and operation of my invention, I will proceed to describe the same, referring by letters to the accompanying drawing, in which—

Figure 1 is a top or plan view of a pin constructed according to my invention, as it would appear in use; and Fig. 2 is a longitudinal vertical section at the line *xx*, Fig. 1, the dotted lines representing the position of the pin before it is inserted.

Similar letters indicate like parts in the two views.

A represents the sheet-metal body or head of the pin, which may be embossed and chased in any desired manner, though I have shown it as representing a leaf. This leaf is countersunk centrally from about the center back toward the end, as represented by the solid black line; it is cut entirely away at the center so as to leave a bearing, *a*, around which is clasped the sheet-metal tongue B, the central portion of which is returned or upset around the right-angled end of the pin C to secure the same in place. The free end is rolled over, as seen at *b*, to serve as a friction-clasp against the end of the leaf A, and thus hold the tongue down to its place, the central double portion of the tongue lying in the counter-sink. The curved pin C passes through a hole in the countersunk portion, and, when the tongue B is elevated, the point projects a short distance in about a vertical line, so that it may be readily started into the fabric, when, by swinging the tongue B to its seat, the pin is made to travel about in the arc of a circle up against the under side of the leaf, the rolled-over end of the tongue springing over the edge thereof and being held by friction, as clearly seen at Fig. 2.

While this pin is intended for use as a tidy-pin, it may be advantageously employed for various other uses, and the design may be varied to any extent without departing from the spirit of my invention.

Having described the construction and operation of my invention, what I claim as new, and desire to secure by Letters Patent, is—

In combination with the sheet-metal leaf A, provided with the pintle *a*, the tongue B, and pin C, all constructed and arranged to operate substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand this 8th day of August, A. D. 1873.

GEORGE DOOLITTLE.

Witnesses:

E. F. MEEKER,
D. F. HOLLISTER.