

DeW. C. MOSHER.
Needles for Weaving Chair-Seats.

No. 152,401.

Patented June 23, 1874.

Fig. 1.

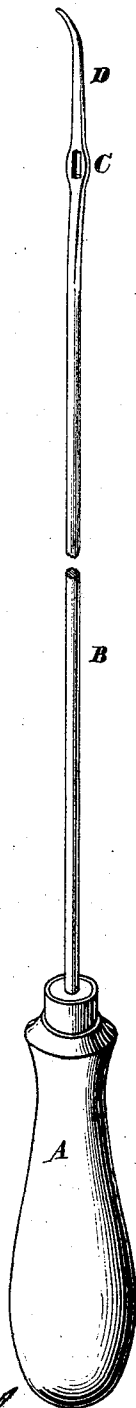
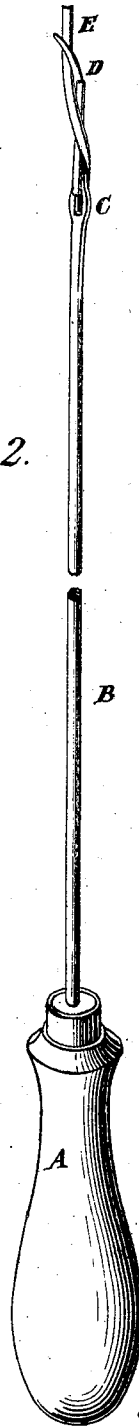


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

DEWITT C. MOSHER, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN NEEDLES FOR WEAVING CHAIR-SEATS.

Specification forming part of Letters Patent No. **152,401**, dated June 23, 1874; application filed April 4, 1874.

To all whom it may concern:

Be it known that I, DEWITT C. MOSHER, of Washington, in the District of Columbia, have invented an Improvement in Needles for Weaving Chair-Seats; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings making part of this specification, in which—

Figure 1 is an elevation showing the form of the implement; and Fig. 2 is a similar elevation, showing the manner of attaching the splint.

This invention relates to a needle or shuttle for weaving splints in the manufacture of chairs. It consists of a handle and needle having an eye near the point, above which the point is twisted a quarter-turn, and bent so as to afford means for securing the end of the splint passed through the eye.

A is the handle, to which the needle is securely attached. B is the shank of the needle, being of sufficient length to permit it to pass entirely across the seat. It has an eye at C, large enough to receive the end of the splint to be inserted into the web, and the point D is sharpened and flattened, and then twisted a quarter-turn and bent to one side, as shown in the drawings. The splint E is secured by passing the end through the eye, and then carrying it toward the point far enough to be caught by the splint and confined by the latter, which is wound around

the point, so as to extend in the line of the shank of the needle. The form of the needle facilitates its introduction through the web, being turned as necessary, to carry it alternately over and under the strands already in place. When it has thus been inserted, in the manner in which the splint is to be inserted, the latter is passed forward through the eye, and the end extended toward the point along the flattened face of the needle far enough to be caught by the part of the strand not passed through the eye, which is turned forward over the end and then passed under the needle near the point, thus securing the end so that it will not catch as the needle is withdrawn from the web, drawing after it the splint, which, when the needle is withdrawn, occupies its place in the web.

What I claim as my invention, and desire to secure by Letters Patent, is—

A needle or shuttle for weaving splints in the manufacture of chairs, having a shank attached to a handle and an eye, C, near the point D, the latter being twisted and bent substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

D. C. MOSHER.

Witnesses:

JOS. T. K. PLANT,
B. EDW. J. EILS.