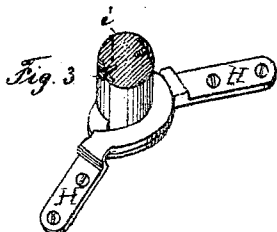
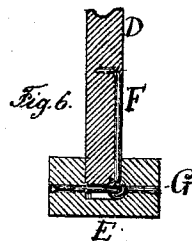
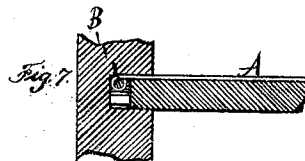
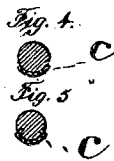
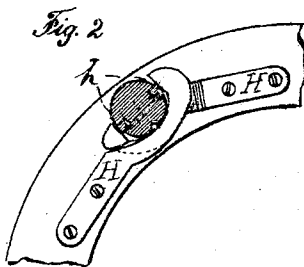
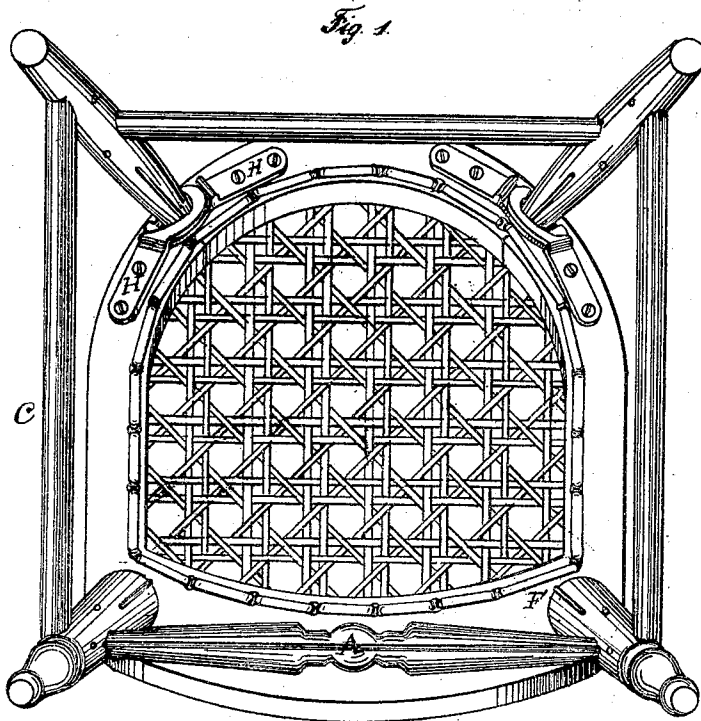


L. H. BAKER.

Improvement in Chairs, &c.

No. 128,272.

Patented June 25, 1872.



WITNESSES:
Thom. Lauten
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INVENTOR.

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By Daniel Breed Atty

UNITED STATES PATENT OFFICE.

LEWIS H. BAKER, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN CHAIRS, &c.

Specification forming part of Letters Patent No. 128,272, dated June 25, 1872.

SPECIFICATION.

I, LEWIS H. BAKER, of Washington, District of Columbia, have invented certain Improvements in Chairs and other furniture, of which the following is a specification:

My invention consists in the use of wire and metallic plates for strengthening the rounds, spindles, and joints of chairs and other furniture.

In the accompanying drawing, Figure 1 is a perspective view of the bottom of a chair with my improvements attached. Figs. 2, 3, 4, 5, 6, 7, and 8 are detached views and sections of different parts.

The rounds of the chair are to be provided with a wire, A, Fig. 1, which is placed in a small groove on the under side of the round. This wire has a coil or hook at the ends, as shown in Fig. 7, to receive a pin, B, which prevents the round from slipping out of the post. Instead of this wire, a plate of metal may be used, as shown at C, Figs. 1 and 4. The edges of this plate may be inserted into a groove, as seen in Fig. 5, in order to give a better finish. This wire or plate gives very great strength to the round, so that a person may step upon the round without breaking the same. In a similar manner the post D may be secured to the bottom E by means of a wire, F, Fig. 6, and pin G. The joints in

the bottom of the chair may be secured by two grappling-plates, H H', Fig. 2, both of which have a hook, h, which takes a strong hold of the post. These plates may be fastened to the posts by screws, as seen at i, Fig. 3. The spindles in the backs of chairs may have a wire inserted in the center passing the whole length, and thus being completely out of sight; and the rounds may be fixed in the same way.

My above-described improvements may be applied to settees, sofas, tables, and other furniture.

I do not, in this application, make any claim to the grapple H H', but propose to apply for a separate patent for that device.

Having described my invention, I claim—

The above-described wires A and F, or the equivalent plate C, inserted lengthwise through or into the side of a round, spindle, leg, or other part of a chair, settee, or other article of furniture, and fastened at both ends by means of a hook and pin, nut, or otherwise, substantially in the manner and for the purposes set forth.

LEWIS H. BAKER.

Witnesses:

DANIEL BREED,
EDM. F. BROWN.