J. MAXHEIMER.

BIRD-CAGE HOOK.

No. 180,432. Patented Aug. 1, 1876.

Fig: 1

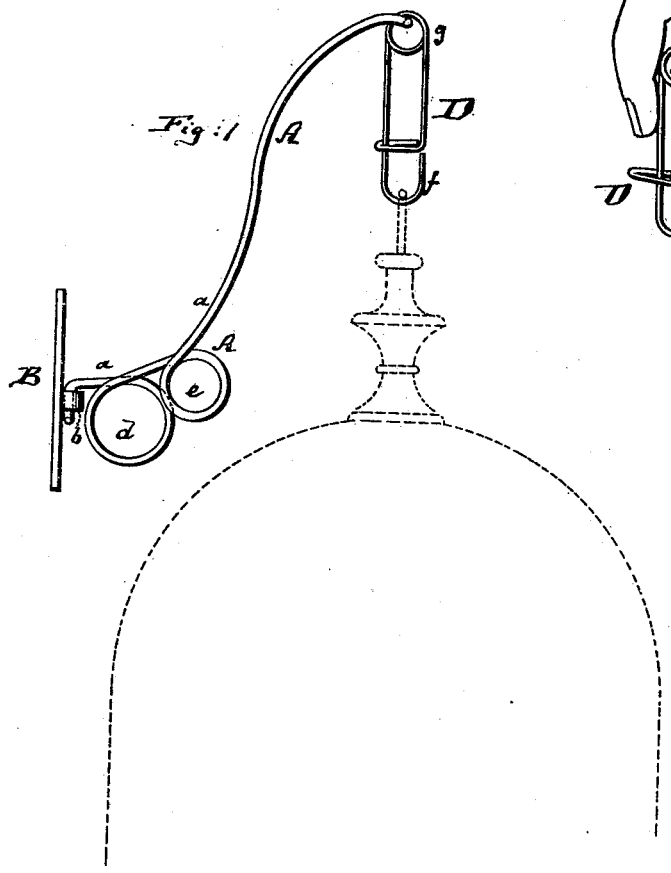


Fig: 3

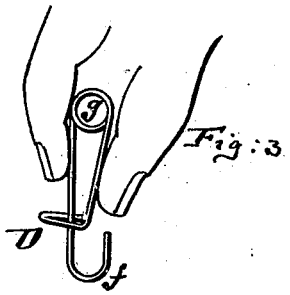
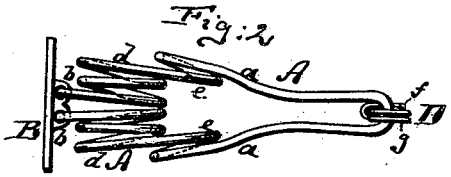


Fig: 2



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UNITED STATES PATENT OFFICE.

JOHN MAXHEIMER, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN BIRD-CAGE HOOKS.

Specification forming part of Letters Patent No. **180,432**, dated August 1, 1876; application filed May 25, 1876.

To all whom it may concern:

Be it known that I, JOHN MAXHEIMER, of Brooklyn, in the county of Kings and State of New York, have invented an Improved Bird-Cage Hook or Bracket, of which the following is a specification:

Figure 1 is a side view of my improved bird-cage hook or bracket. Fig. 2 is a top view thereof; Fig. 3, a detail side view of an attachment used thereon.

Similar letters of reference indicate corresponding parts in all the figures.

This invention relates to an improved construction of bird-cage hook, and to a new safety attachment to the same; and consists of the double hook and of the safety attachment applied thereto, all as hereinafter more fully described.

The letter A represents the bird-cage hook or bracket. The same is made of one length of wire, doubled back at the beak of the bracket, from whence the two portions extend back parallel to each other, their ends being bent into hooks, that are in line with one another, as clearly indicated in Fig. 2. B is the bracket-plate, made of cast metal or equivalent material, with two projecting eyes, *b b*, formed on its face, both said eyes being in line with each other horizontally. The hooks at the ends of the wire-bracket A are inserted side by side through these eyes *b*, as shown, and serve thus to securely support the bracket in position, and to give it firmness. Each length of wire *a* of the bracket may be coiled into one or more coils of spring *d e*, as in Figs. 1 and 2, to impart elasticity to the bracket, and to the cage or device suspended therefrom.

The beak of the wire-bracket may either be bent into a small hook or it may serve to hold the attachment D, (shown in Figs. 1 and 3,) and which consists of a piece of wire, bent substantially as shown—that is to say, its lower end is formed into a hook, *f*, its upper part into a spring loop or coil, *g*, and its other end brought down from the loop *g*, until, opposite the hook *f*, it is bent around the shank of said hook *f*.

The spring-loop *g* will always keep the hook *f* closed, and serves also to suspend the attachment D from the bracket.

When the hook *f* is to be opened for the attachment or removal of the cage, the attachment D is compressed, as in Fig. 3 of the drawing.

I claim as my invention—

1. The bracket A, made of one length of wire, doubled back, the two portions running parallel to each other, and their ends formed into two parallel hooks, and combined with the bracket-plate B, which has two projecting eyes, *b b*, side by side, substantially as herein shown and described.

2. The safety-hook D, combined with the bracket A, and constructed of one piece of wire, substantially as herein shown and described.

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