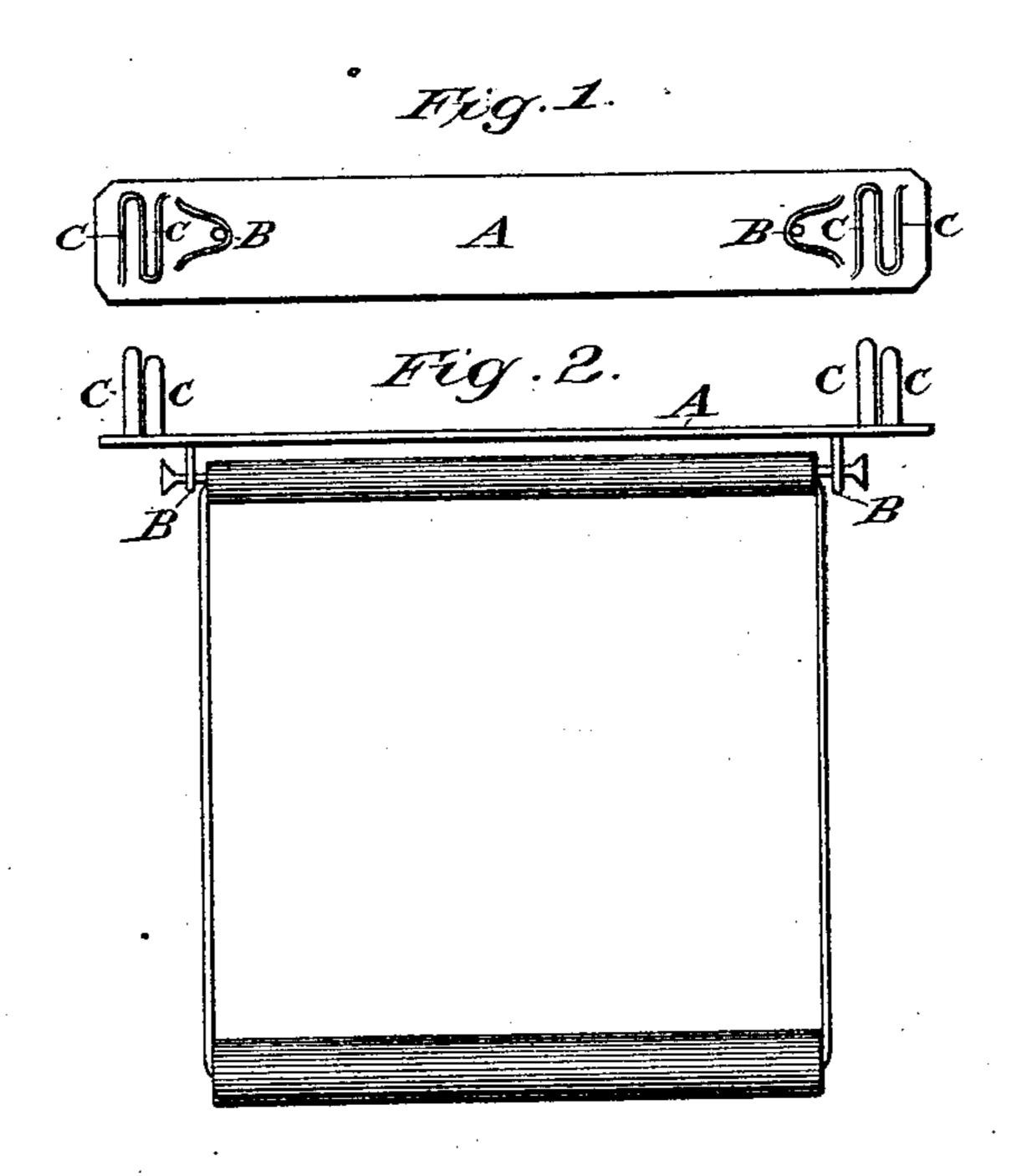
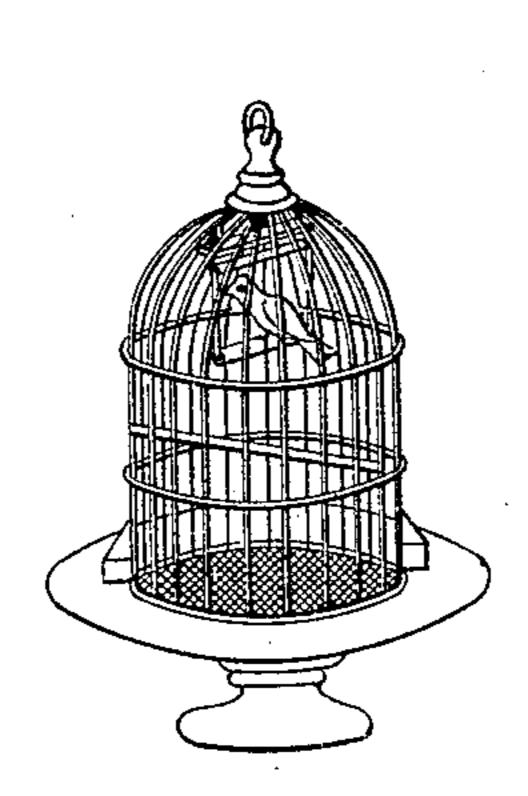
## T. H. BRADLEY. Bird Cage.

No. 105,164.

Patented July 12, 1870.





Witnesses.

Thurston.

N. PETERS. Photo-Lithographer, Washington, D. C.

## Anited States Patent Office.

## THOMAS H. BRADLEY, OF ST. LOUIS, MISSOURI.

Letters Patent No. 105,164, dated July 12, 1870.

## IMPROVEMENT IN BIRD-CAGES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, Thomas H. Bradley, of the city and county of St. Louis, in the State of Missouri, have invented a new and useful Improvement in Bird-Cages.

My improvement consists in a bar to support a swing in such way as to confine it to regular movements, and facilitate its attachment to a cage, or its removal therefrom.

Figure 1 is a view of the bar.

Figure 2 is a view of the bar, with swing attached. Figure 3 is a modification.

I construct my improvement as follows:

Of sheet metal, or other suitable material, make a bar, A, so as to form a support, say two brackets or rests, B B, for the swing to hang and operate upon on one side of the bar, and so as to form on the other side of the bar two or more points, C C, to be bent at will, for attaching it to a cage.

In case a cage has a close roof, the bar may be made sufficiently long to fasten at the extreme ends.

Take any swing suitable for a bird-cage, and hang it upon the support or brackets B B of the bar A, so that the swing will be confined to forward and backward movements. Place the bar, with swing attached, in a cage, and to the latter fasten the bar so that it will occupy a horizontal position, and allow the swing to operate.

A swing, after being attached to a cage with this invention, can be easily removed, cleaned, and restored to its place, or be transferred to another cage.

What I claim as my invention is—

The bar, with brackets B B, and points C C, to support a swing in such a way as to facilitate its attachment to a cage, or its removal therefrom, substantially as specified.

THOS. H. BRADLEY.

Witnesses:
SAML. M. LAKE,
JOHN F. G. LYONS.