

C. W. STONE.
BIRD CAGE PROTECTOR.
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1,015,766.

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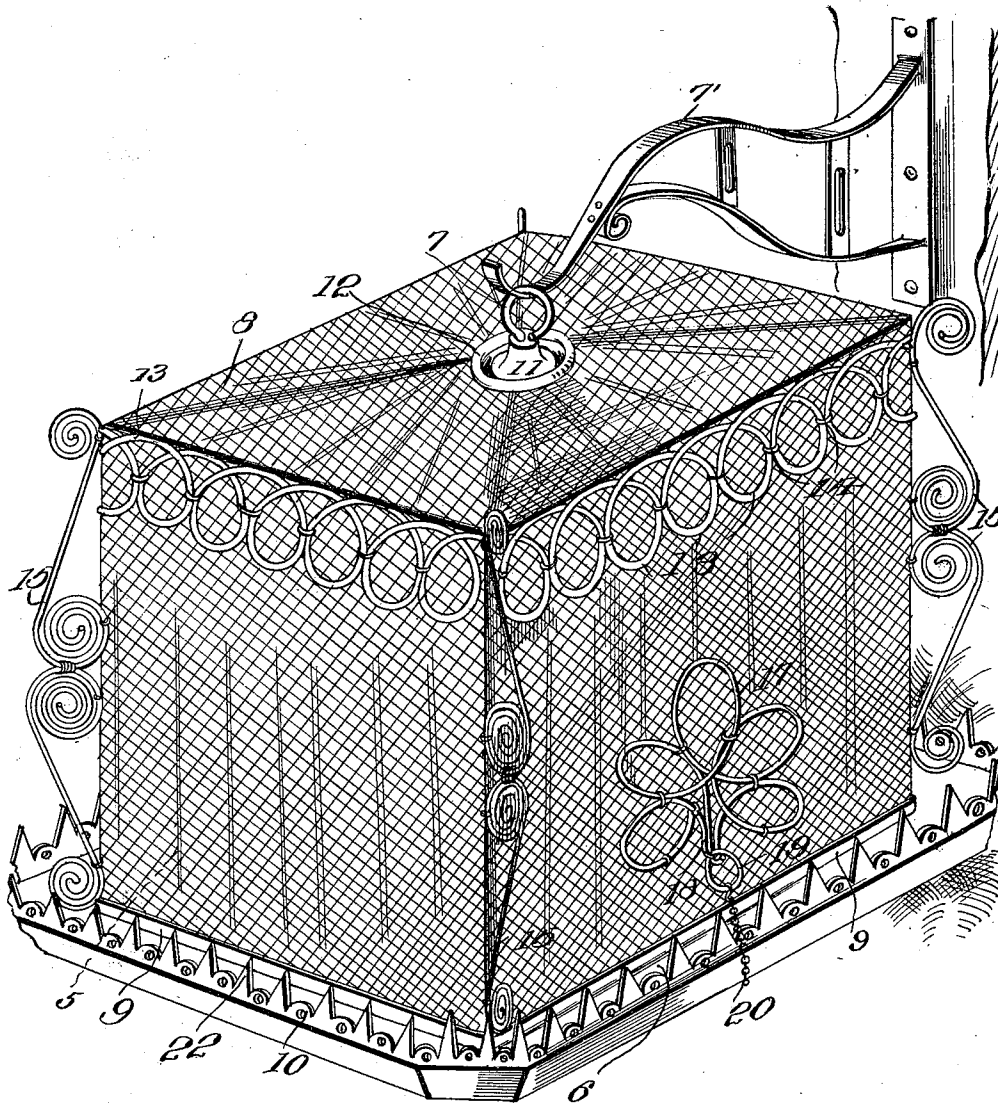


Fig. 1.

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UNITED STATES PATENT OFFICE.

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BIRD-CAGE PROTECTOR.

1,015,766.

Specification of Letters Patent.

Patented Jan. 23, 1912.

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To all whom it may concern:

Be it known that I, CAROLINE W. STONE, citizen of the United States, residing at Newton Center, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Bird-Cage Protectors, of which the following is a specification.

This invention relates to bird cages, more particularly to a novel form of shield for protecting birds when caged, from injury by cats, mice, and the like.

The object of the invention is to provide a shield or protector of simple and durable construction capable of being readily positioned over a bird-cage, and by means of which the cage may be suspended from a suitable support without danger of mice entering the cage, or cats or dogs prying open the bars thereof and frightening or injuring the bird.

A further object is to provide a protector including a reticulated body portion having an opening formed in the top thereof to permit the passage of the suspension ring of a cage, and provided with oppositely disposed loops for engagement with a flexible securing element, said loops also constituting handles by means of which the protector may be conveniently placed upon or removed from a cage.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability and efficiency, as well as to reduce the cost of manufacture.

Further objects and advantages will appear in the following description, it being understood that various changes in form, proportions, and minor details of construction may be resorted to within the scope of the appended claims.

For a full understanding of the invention reference is to be had to the following description and accompanying drawing, in which;

Figure 1 is a perspective view of a bird-cage provided with a shield or protector constructed in accordance with my invention; Fig. 2 is a vertical sectional view showing the manner of fastening the shield or protector in position on the bird-cage; and Fig. 3 is a side elevation showing the construction of the reinforcing members and lock engaging loops.

Corresponding and like parts are referred to in the following description and indicated in all the views of the accompanying drawings by the same reference characters.

The improved shield or protector forming the subject matter of the present invention is especially designed for attachment to bird-cages and the like, and by way of illustration is shown in connection with a bird-cage of the ordinary construction, in which 5 designates the body of the cage, 6 the bottom, and 7 a swivel ring by means of which the cage may be conveniently suspended from a bracket 7' or other suitable support.

The device comprises a body portion 8, preferably rectangular in shape, and formed of reticulated material so as to prevent cats, dogs, and other natural enemies from prying open the bars of the cage and injuring the bird, or mice from obtaining access to the interior of the cage, while at the same time permitting the free circulation of air through the cage and light to enter the same.

The wire mesh constituting the body of the protector is reinforced and strengthened at the bottom thereof by metallic bands 9, which latter rest on the bottom 6 of the cage near the upstanding flange 10 thereof.

The top of the shield is provided with an opening 11 to permit the passage of the suspension ring 7, the walls of said opening being preferably reinforced by a metallic ring 12. Extending around the shield or protector, at the upper portion thereof, is an ornamental scrollwork, preferably formed of a continuous length of wire bent or twisted to form a series of coils 13, which latter are secured to the wire mesh of the protector by binding wires 14 and serve to reinforce the protector and retain the latter in its proper shape.

Extending diagonally from the corners of the protector are ornamental scrolls 15, preferably extending the entire height of the shield, and also fastened to the body of the protector by securing wires similar in construction to the securing wires 14. Secured to the opposite side walls of the protector are reinforcing members 17, each preferably formed of a single length of wire, having its intermediate portion bent to produce a depending neck 18, the wire being thence bent to form a series of loops and thence continued downwardly at the rear of the neck 18 and bent upwardly to

form a loop 19 constituting a handle, the wire after the loop is formed being twisted around the neck 18, as shown.

The shield or protector is retained in position upon the bottom of the bird-cage by means of a flexible securing element 20, preferably in the form of a chain, one end of which is secured to one of the loops 19 on one side of the protector, while the other end thereof extends beneath the bottom 6 of the cage and is provided with a terminal hook 21 for engagement with the loop on the other side of the protector, thus to prevent a cat from lifting the bottom of the protector with a view to obtaining access to the interior of the cage.

The flange 10 of the bird-cage is preferably formed with a series of upstanding spikes 22 which form a circumferential barrier at the base of the bird-cage so as to prevent a cat from obtaining a foothold thereon.

In using the device, the protector is positioned over the bird-cage with the suspension ring 7 projecting through the opening 11 in the top of the protector, after which the flexible securing element 20 is passed beneath the bottom of the bird-cage and the hook on said securing element extended through the adjacent loop 19. With the protector in position on the bird-cage, the latter may be conveniently suspended on a nail or other suitable support by the ring 7 without danger of mice entering the cage, or cats and the like frightening or injuring the bird.

It will here be noted that the mesh of the wire screen constituting the body of the protector is relatively fine, so that the protector in addition to its function as a guard or protector against cats, mice, and the like, also serves to prevent waste of seed and other feed contained in the cage.

If desired the shield or protector may be used as a bird cage, in which event, the protector will be attached to the bottom portion or tray 6 and suitable cross bars extended across the opening 11 to permit the attachment of a suspension ring, thus dispensing with the ordinary cage and consequently reducing the cost of manufacture.

The protectors may be made in different sizes and shapes and provided with any desired surface ornamentation without departing from the spirit of the invention.

Having thus described the invention, what is claimed as new is:

1. The combination with a bird-cage including a suspension device, of a protector fitting over the cage and formed of reticulated material, the top of the protector being provided with an opening to permit the passage of the suspension device, and the lower edge of said protector being provided with reinforcing strips for engagement with

the bottom of the cage, loops extending laterally from the side walls of the cage and constituting handles, and a flexible securing element extending beneath the bottom of the cage and engaging said loops.

2. The combination with a bird-cage including a suspension device, of a protector fitting over the cage and having its top provided with an opening to permit the passage of the suspension device and its lower edge resting on the bottom of the cage, reinforcing members secured to the side walls of the protector and provided with loops constituting handles, and a flexible securing element having one end thereof fastened to one of the loops, and its other end extended beneath the bottom of the cage and provided with a terminal hook for engagement with the other loop.

3. The combination with a bird-cage including a suspension device, of a protector fitting over the cage and having its lower end reinforced and its upper end provided with an opening to permit the passage of the suspension device, a reinforcing ring surrounding said opening, reinforcing members bearing against the side walls of the protector at the upper portion thereof, auxiliary reinforcing members extending laterally from the corners of the protector, loops secured to the side walls of the protector and constituting handles, and a flexible securing element having one end thereof fastened to one of the loops and its other end extended beneath the bottom of the cage for engagement with the other loop.

4. The combination with a bird-cage having a suspension device and provided with a bottom having an upstanding flange provided with terminal teeth constituting a guard, of a protector fitting over the cage and having its lower edge resting on the bottom of the cage and spaced from said flange and its upper end provided with an opening to permit the passage of the suspension device, loops secured to the opposite side walls of the protector and constituting handles, and a securing element extending beneath the cage for engagement with said loops.

5. A protector for bird-cages, comprising a body portion adapted to fit over a bird-cage and having its lower end open and its upper portion provided with an opening to permit the passage of the suspension device of said cage, reinforcing members secured to the side walls of the protector and each formed of a single length of wire having its intermediate portion bent to produce a contracted neck, the wire being thence bent to form a series of loops and thence continued downwardly at the rear of the neck and upwardly in engagement with said neck to form a handle.

6. The combination with a bird cage in-

cluding a suspension device, of a protector
fitting over the cage and having its top pro-
vided with an opening to permit the passage
of the suspension device and its lower edge
resting on the bottom of the cage, loops ex-
tending laterally from the side walls of said
cage and constituting handles, and a secur-
ing element extending beneath the bottom
of the cage and engaging said loops.
7. A protector for bird cages comprising
a ventilated body portion having its lower

end open and its upper end closed and pro-
vided with an opening, and reinforcing
members secured to the exterior walls of the
protector and provided with laterally ex-
tending loops constituting handles. 15

In testimony whereof, I affix my signature
in presence of two witnesses.

CAROLINE WEISCOFF STONE. [L. s.]

Witnesses:

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