(No Model.)

W. A. COLMAN.

BIRD CAGE.

No. 304,174. Patented Aug. 26, 1884.

Fig. 2.

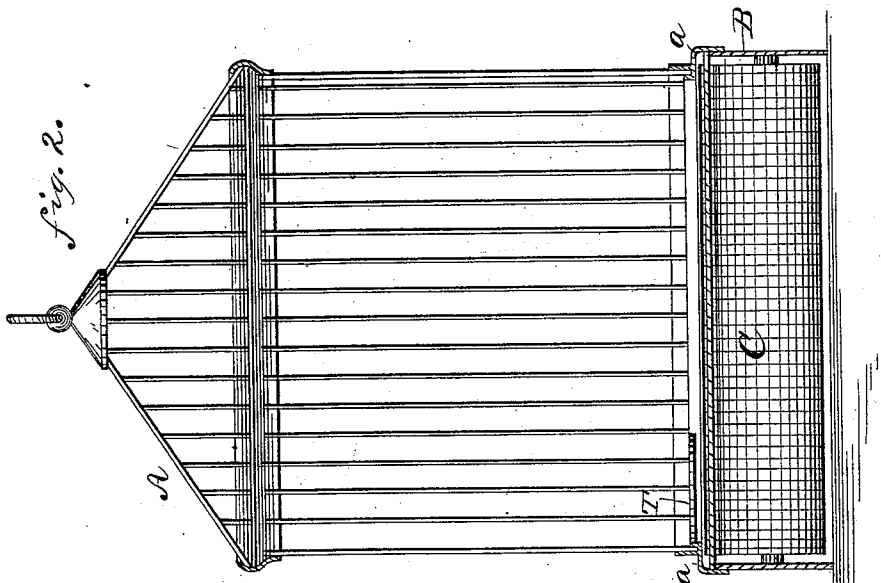
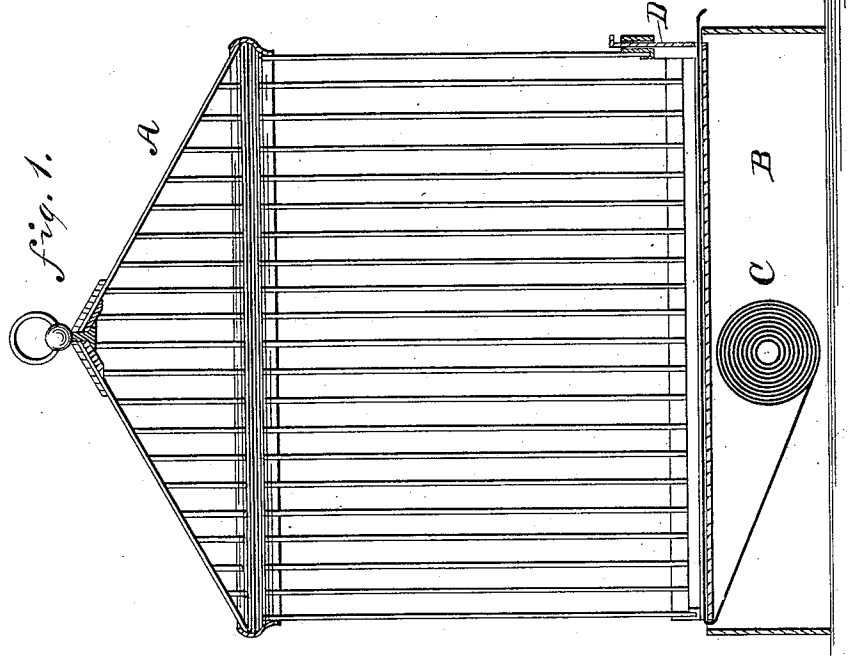


Fig. 1.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM ARTHUR COLMAN, OF ROCKVILLE, INDIANA.

BIRD-CAGE.

SPECIFICATION forming part of Letters Patent No. 304,174, dated August 26, 1884.

Application filed December 19, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM ARTHUR COLMAN, a citizen of the United States, residing at Rockville, in the county of Parke and State of Indiana, have invented certain new and useful Improvements in Bird-Cages, of which the following is a description.

Figures 1 and 2 are vertical sections taken in planes at right angles to each other.

My invention is designed to facilitate the operation of cleaning the bottoms of bird-cages, and to prevent the birds from pecking and eating the paper which has heretofore generally been used to cover the bottoms of the cages.

My invention consists in combining a bird-cage having side guides at its floor-level and a roll of paper which is extended over the floor of the cage and through the side guides, whereby the soiled covering for the floor may be pulled out and torn off, and a new section from the roll unwound and made to take its place, thus quickly cleaning the cage and renewing its floor-covering.

It also consists in providing the cage with overhanging guides or edges, which overlap the paper covering, and serve both to hold it in place and prevent the bird from pecking and eating the edges of the paper, all as hereinafter fully described.

In the drawings, A represents the cage, which may be of any suitable or well-known pattern, but which, in accordance with my invention, is provided with an inclosed base, B. In the sides of this base are arranged bearings for the ends or journals of a roll of paper, C, which paper is sectioned transversely by a row of perforations or cuts into equal subdivisions of the proper size to cover the floor of the cage. This paper unwinds from the roll, then passes up through a narrow slit at one end of the cage, then extends over the floor of the cage and terminates just outside the cage at the opposite end from which it entered. The sides of the paper forming the floor-covering are overlapped by overhanging edges *a a*, bent up and inwardly from the base, which edges form guides for the travel of the paper from the roll, and also cover the free edges of the paper, so that the bird cannot have access to the same to peck and eat the same.

It is a fact known to bird-fanciers that birds will peck and eat the edges of their paper floor-covering and become sick and dull in consequence of the poisonous properties of the paper, and this feature of protecting the edges of the paper by overhanging guides is a feature of merit, having value outside of the combination of the same with the roll.

At the front edge of the cage there is an opening of about three-quarters of an inch covered by a vertically-sliding plate, D, moving in guides and extending the full length of the cage, which may be raised when the soiled paper covering is to be pulled out, and which, when the new section is pulled over the floor and the old one torn off, shuts down closely against and clamps the free torn edge of the paper, so as to hold it and exclude its edge from the range of the bird.

In locating the position of the roll of paper, I prefer to construct a box-like base for the cage, and to place this roll in the middle of it, so that it shall not throw the cage out of balance when the cage is hung up, and so that it shall be hid from view. I do not, however, limit myself to this location of the roll, but may arrange it at the end or side of the cage, or on top of the same.

When my invention is to be applied to round cages, I construct said round cage with a square bottom.

When one roll of paper is used up another can be bought at the stores and quickly inserted in place, each roll being designed to last from nine to twelve months.

T is a shelf in one corner for sustaining the bathing-cup.

I am aware that a roll of paper has been fed intermittently across a water-closet seat to protect the person from contact with the seat, and that tablets composed of many sheets of paper have been used in the bottom of a bird-cage, to be successively torn off as the top one becomes soiled. I do not know, however, that a bird-cage has ever been combined with a roll of paper; and this secures important advantages, as hereinbefore described.

Having thus described my invention, what I claim as new is—

1. The combination, with a bird-cage having side guides at its floor-level, of a roll of paper adapted to be intermittently unwound

from the roll and fed across the floor of the cage, and means for clamping or holding it in place, substantially as described.

2. The combination, with a bird-cage, of an inclosed base having guideways on its sides on a level with the floor of the cage, a roll of paper located in said base and unwinding through said guides, and means for holding the free edge of the paper, substantially as described.

3. The combination, with a bird-cage, of a roll of paper arranged beneath the floor thereof, and adapted to be intermittently unwound from the roll and fed across the upper surface of the floor of the cage, substantially as described.

4. The combination, with a bird-cage, of a paper floor-covering, overlapping flanges *a a*, and slide D, for holding the paper in place and cutting off access of the bird to its edges, as and for the purpose described.

WILLIAM ARTHUR COLMAN.

Witnesses:
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L. M. RAMSAY.