

C. I. Osborn.

2 Sheets.  
Sheet 1.

Bird Cage.

No 38,177-

Patented April 8,

14-1863-

Fig. 2.

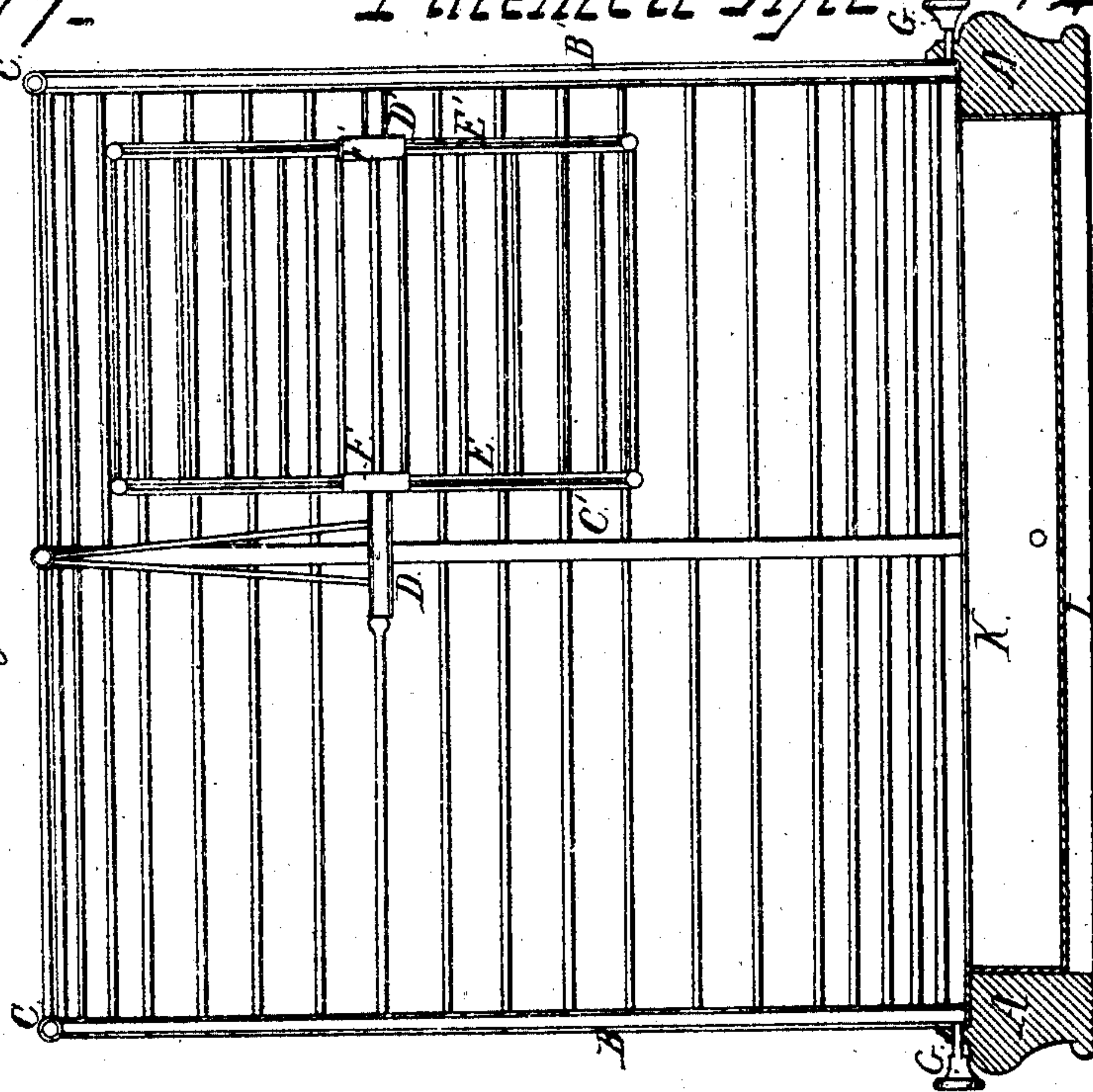
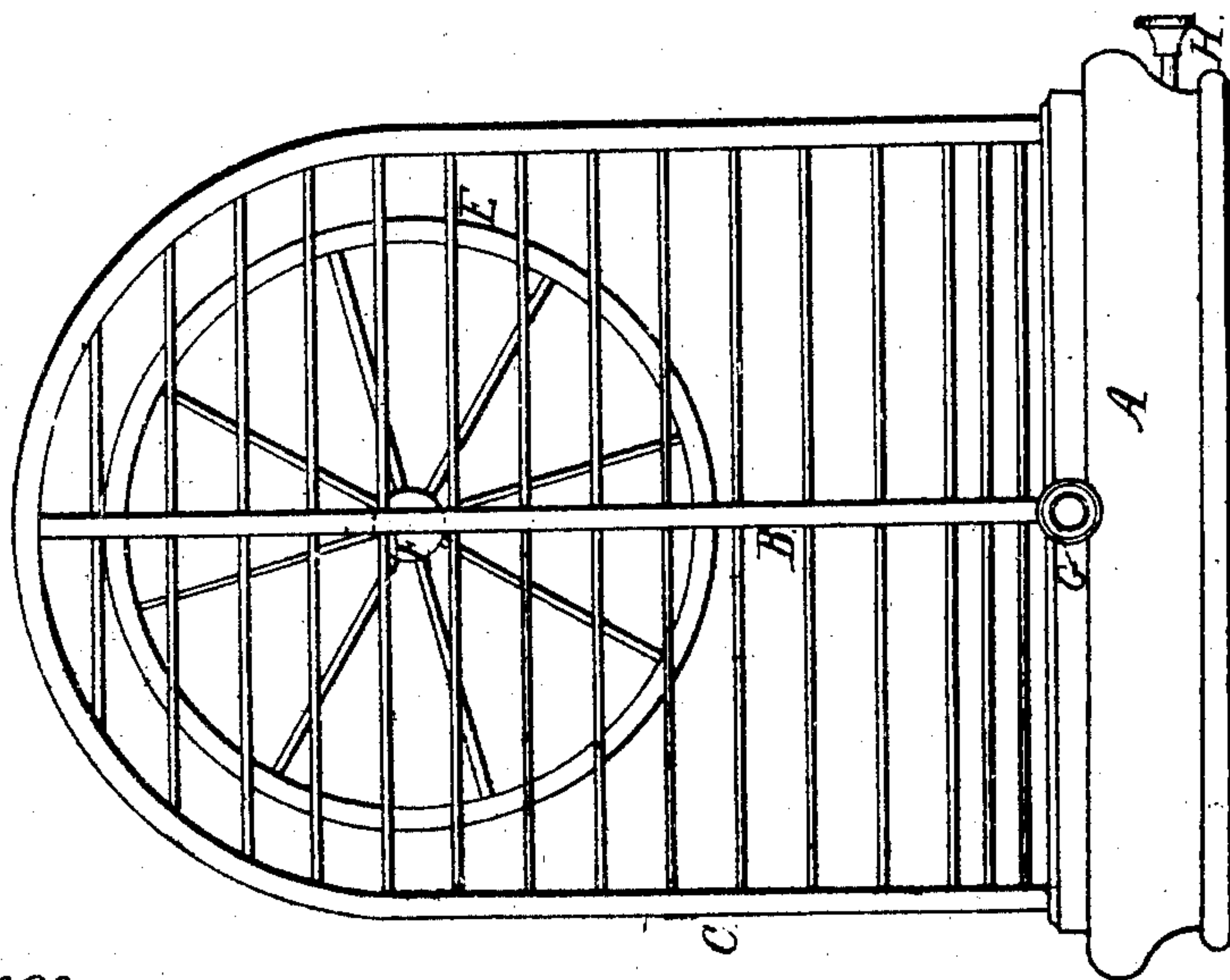


Fig. 1.



Witnesses:

J. J. Gordon

Louis C. Grand-Val

Inventor

Charles I. Osborn

C. L. Osborn.

Bird Cage.

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Patented April 14. 1863.

Fig. 4.

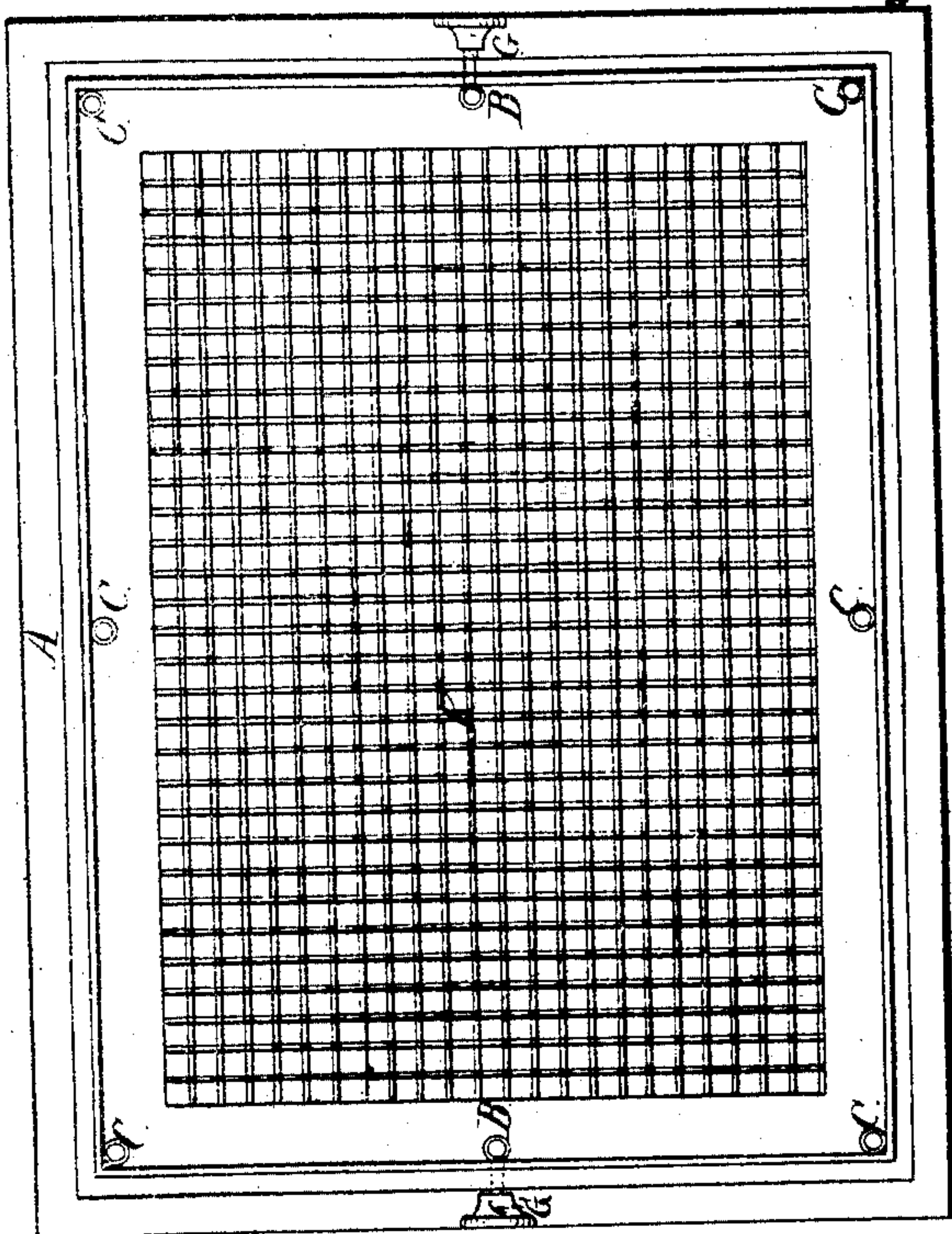


Fig. 5.

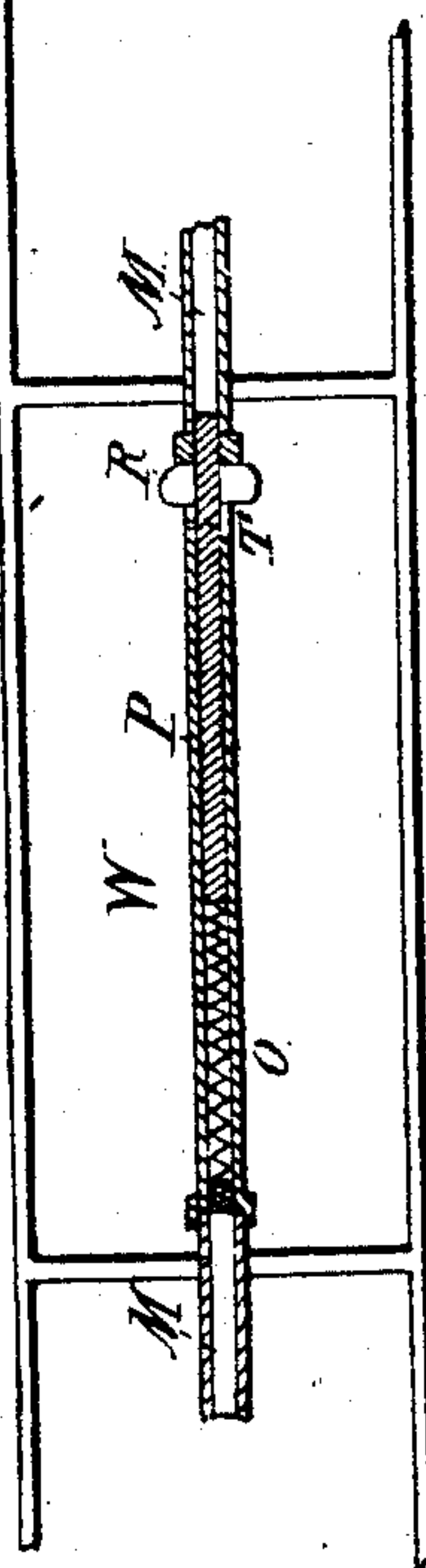
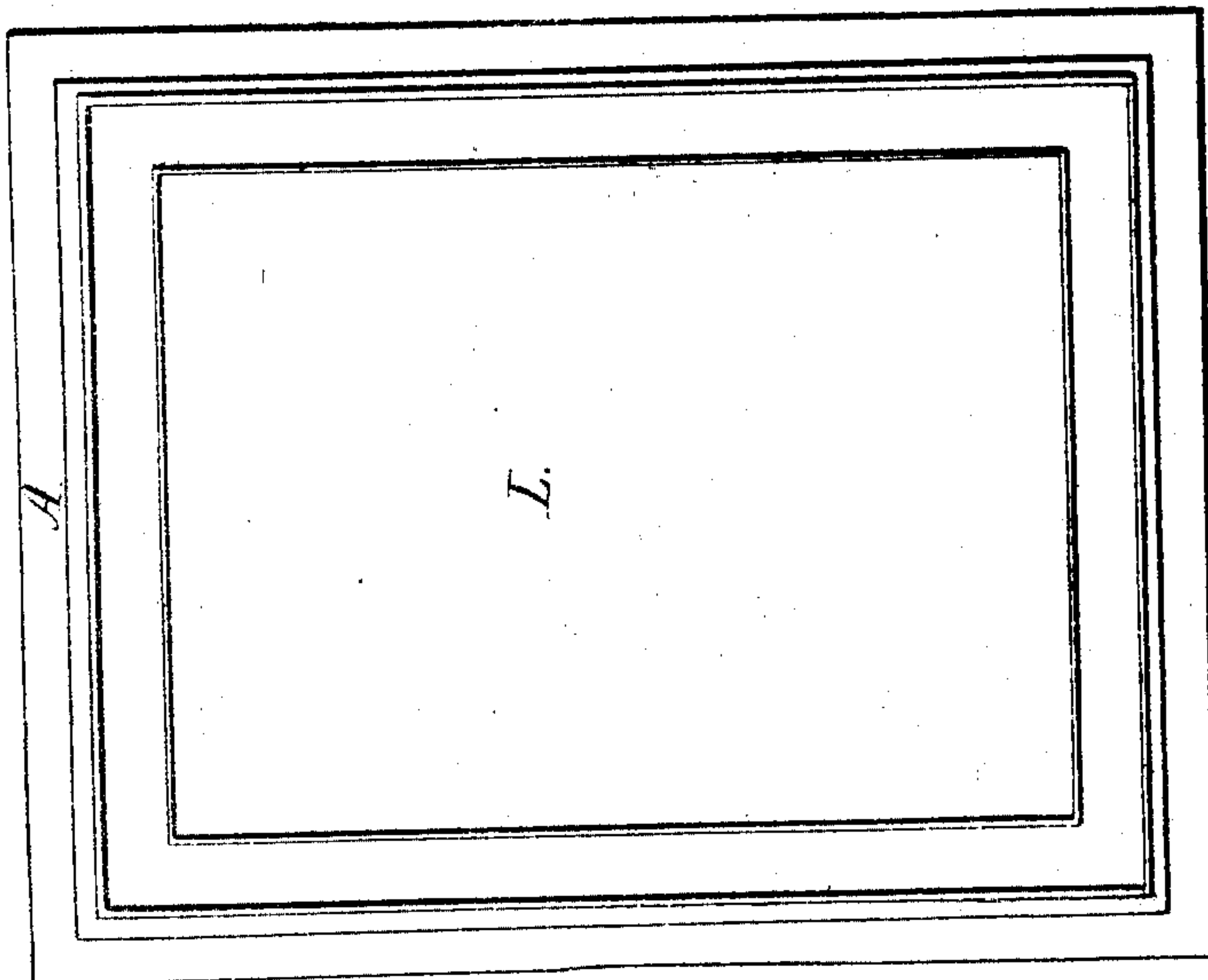


Fig. 3.



Witnesses:

L. J. Gordon  
Louis C. Grandin

Inventor:

Charles L. Osborn



*The drawing in this patent  
is not in print.*

# UNITED STATES PATENT OFFICE.

CHARLES L. OSBORN, OF BROOKLYN, NEW YORK.

## IMPROVED BIRD-CAGE.

Specification forming part of Letters Patent No. 38,177, dated April 14, 1863.

*To all whom it may concern:*

Be it known that I, CHARLES L. OSBORN, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Cage; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, and the letters of reference marked thereon, in which the same letter represents the same thing in each figure.

Figure 1 is an end view of my improved cage; Fig. 2, a front view, and Fig. 3 a bottom view, thereof. Fig. 4 is a representation of the inside wire bottom of the cage; Fig. 5, a representation of the door.

A is the base of the case; B B' C C', the tubular frames; D and D', bearings of the revolving wheel inside the cage; E, the rim of the wheel; F and F', hubs of the wheel; G, one of the screws to secure the cage to the base; H, one of the screws securing the portable metal pan to the base; K, the inside wire bottom of the cage; L, the portable metal pan inside the base; M M, the tubing serving as bearings for the door; P, the tubular door; R, the thumb-piece by which the spring in one end of the door is pushed back to open or shut it; T, the catch; W, the open space when the door is out.

The advantages of this cage over former cages arise in part from the employment of tubing for the frame-work of the several parts of the case, into which wire may be securely, neatly, readily, and durably fastened, permit-

ting the use of the peculiar door matching the frame-work, and securing the essential requisites to a good cage of strength, lightness, durability, and neatness. The wire bottom prevents the inmates from escaping when the cage is cleaned, and they cannot track about in and scatter the dirt that collects beneath. The portable metal pan inside the base cannot warp, and as it catches and holds all moisture, the base will be effectually protected from warping and the beauty and durability of the cage much enhanced.

The wheel mounted inside the cage is a great improvement upon the old modes, as it is impossible for the animal to be injured in its use. The bearings being of tubing, uniformity of construction in the several parts of the cage is preserved.

The arrangement permits the cage to be kept clean more easily than any heretofore in use.

What I claim, and desire to secure by Letters Patent, is—

1. The door P, constructed and operating substantially as set forth.

2. The combination, in a cage, of base A, portable pan L, wire bottom K, and tubular frames B C, &c., or their equivalents, constructed and arranged substantially as specified.

CHARLES L. OSBORN.

Witnesses:

S. J. GORDON,

LOUIS E. GRAND VAL.