

J. D. HEINS.

BIRD-CAGE.

No. 177,715.

Patented May 23, 1876.

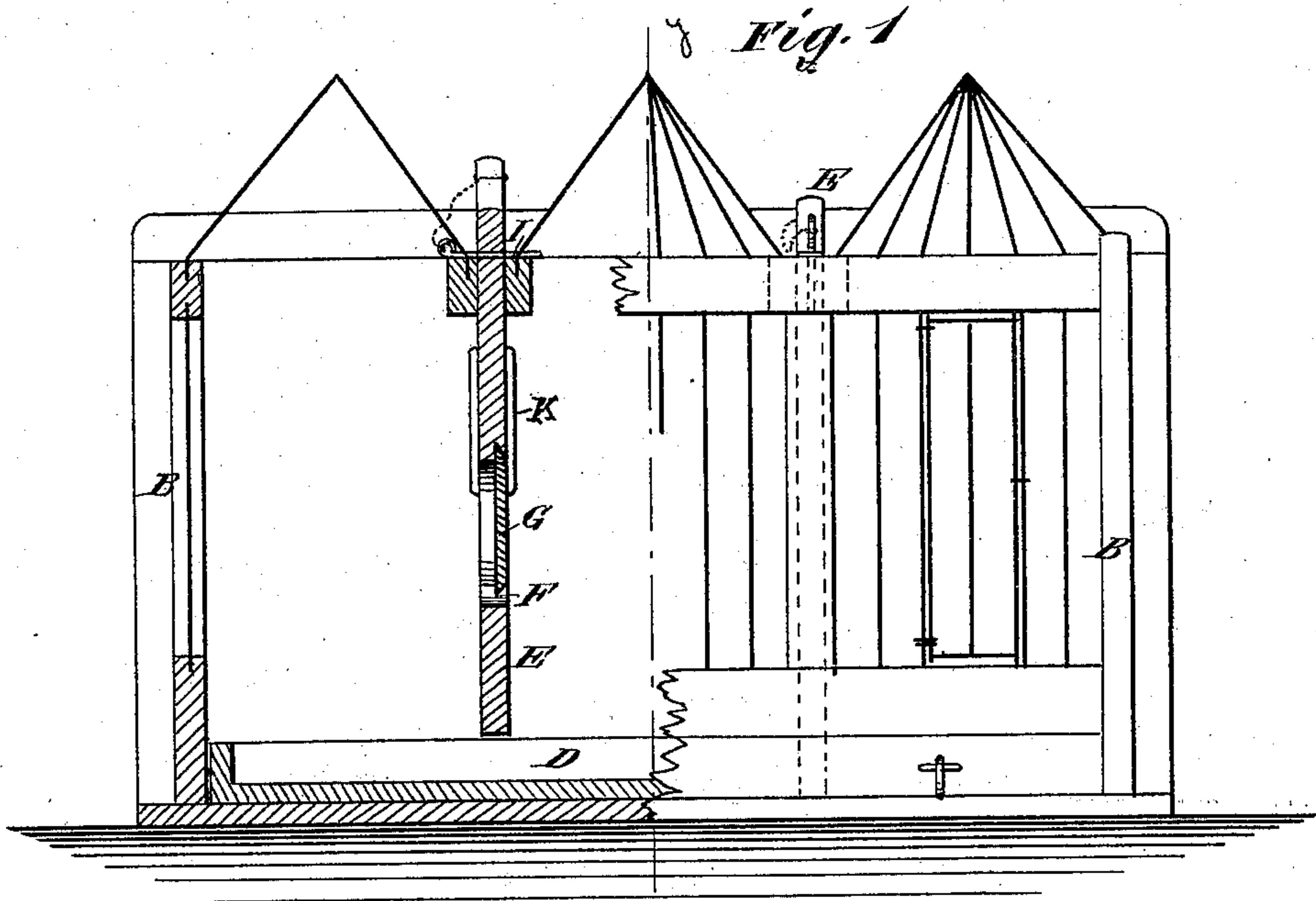
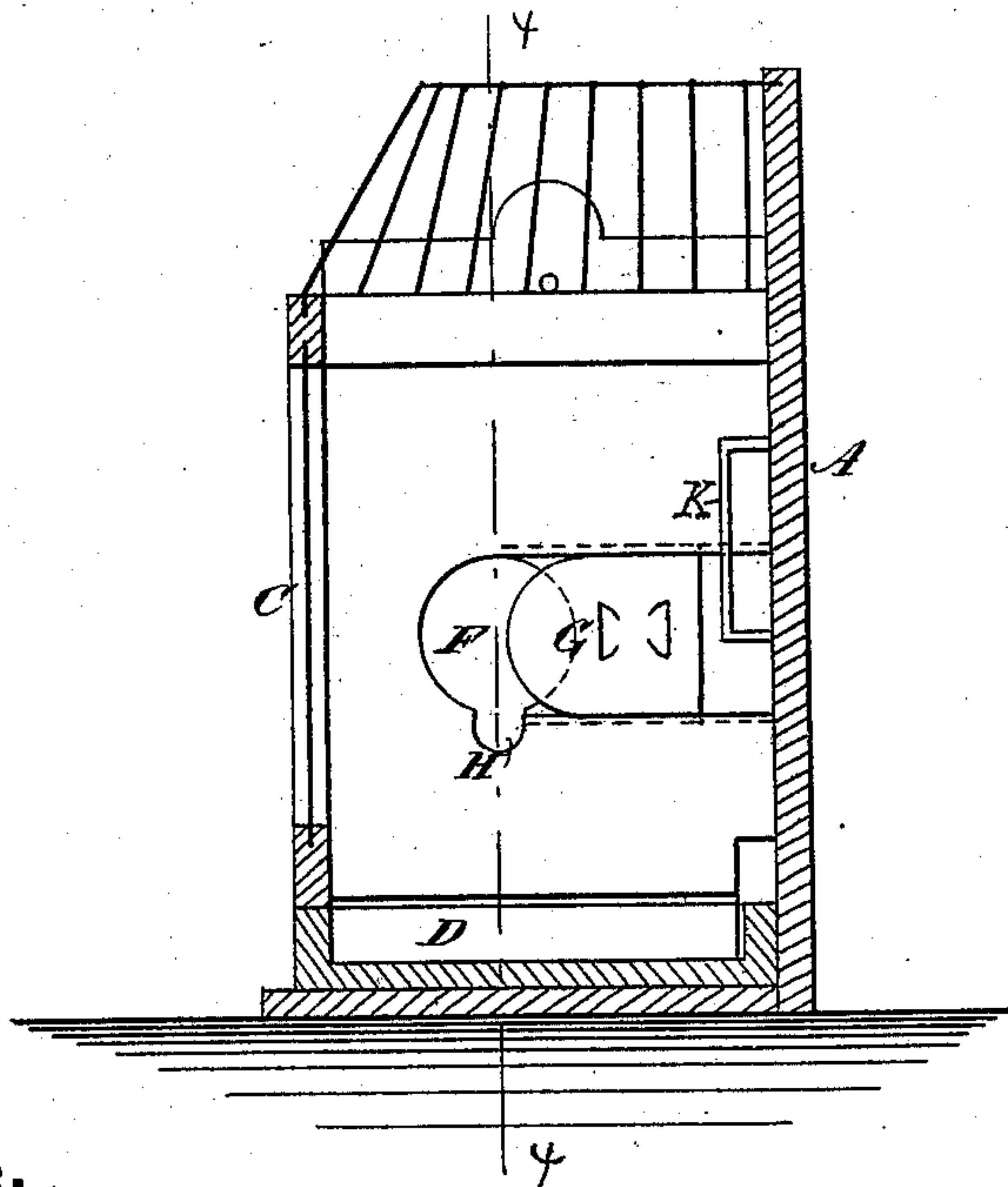


Fig. 2



WITNESSES:

C. Neveu
John Goethals

INVENTOR:

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BY *Munn*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN D. HEINS, OF NEW YORK, N. Y.

IMPROVEMENT IN BIRD-CAGES.

Specification forming part of Letters Patent No. **177,715**, dated May 23, 1876; application filed March 25, 1876.

To all whom it may concern:

Be it known that I, JOHN D. HEINS, of the city, county, and State of New York, have invented a new and Improved Bird-Cage, of which the following is a specification:

This improved cage is mainly intended for mating two or more female birds with one male, and consists essentially of close partitions, dividing it into two or more compartments, which partitions are provided with a passage and a sliding door, to be opened at will for allowing the male bird to pass out of one compartment into another when one female has gone on her nest, and the partitions are made to rise and be supported a little above the tray in the bottom, for drawing it out for cleaning; also for drawing the partitions entirely out, when the several spaces may be connected in one.

Figure 1 is partly a front elevation of the improved cage, and partly a section taken on the line *x x*, Fig. 2; and Fig. 2 is a transverse section taken on line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

A represents the back, B the ends, and C the

front, of the entire cage. D is a long tray in the bottom to receive the refuse, for removing it by drawing out at the front. E represents the close partitions, for separating it into compartments. F represents the passages through the partitions, and G the slides for closing them, and H is an opening through the partitions for the perch. By the close partitions the female birds can readily be separated so as not to see each other, and thus be prevented from fighting. I represents pieces for holding up the partitions for drawing out and sliding in the tray D in the bottom. K represents the wire supports for the sliding partition.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, in a bird-cage, of the close sliding partitions E, having a passage, F, with a sliding cover, G, substantially as specified.

JOHN D. HEINS.

Witnesses:

T. B. MOSHER,
ALEX. F. ROBERTS.