

W. J. H. KAPPE.
Chicken-Coops.

No. 140,277.

Patented June 24, 1873.

Fig. 1.

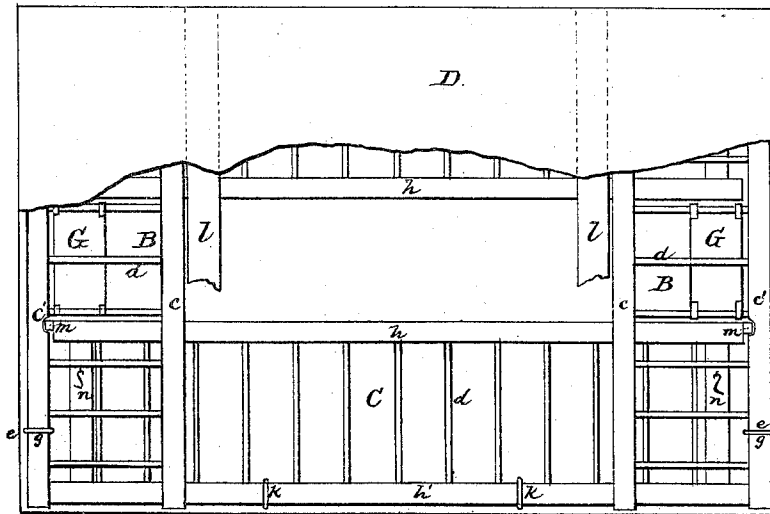


Fig. 2.

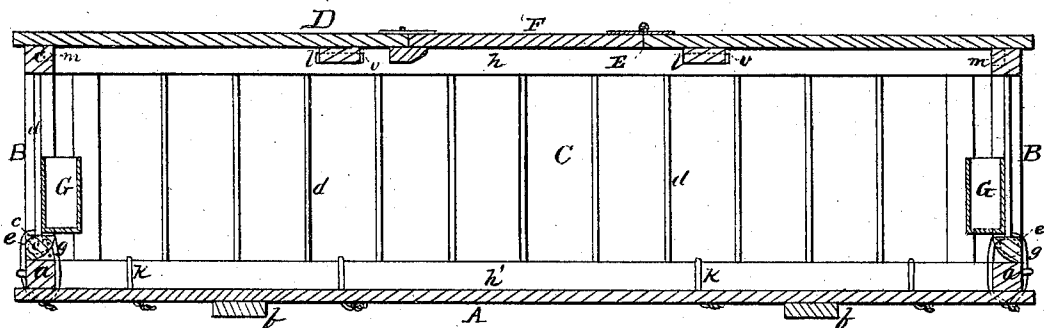
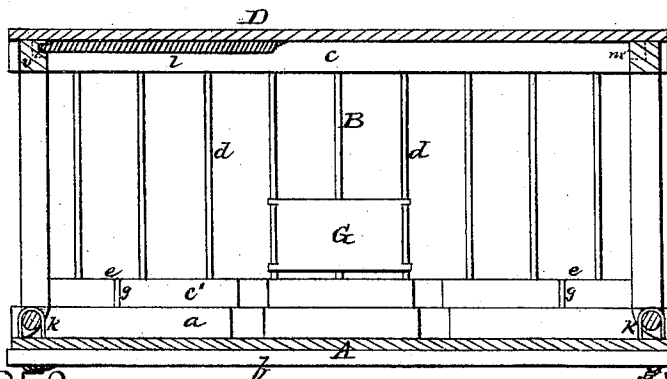


Fig. 3.



WITNESSES.

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UNITED STATES PATENT OFFICE.

WILLIAM J. H. KAPPE, OF QUINCY, ILLINOIS.

IMPROVEMENT IN CHICKEN-COOPS.

Specification forming part of Letters Patent No. 140,277, dated June 24, 1873; application filed April 26, 1873.

To all whom it may concern:

Be it known that I, WM. J. H. KAPPE, of Quincy, in the county of Adams and State of Illinois, have invented new and valuable Improvements in Coops; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a plan view of my coop, folded. Fig. 2 is a longitudinal vertical section of same. Fig. 3 is a transverse vertical section of same.

This invention has relation to portable chicken-coops; and it consists in the construction and novel arrangement of the bottom, having cleats at the ends, the folding sides and ends, the feed-cups arranged to fit between the sides when folded, and the top having the transverse cleats arranged to fit between the ends when folded, all as hereinafter more fully described.

The object of this invention is to provide a coop, the parts of which, when folded, will occupy but a small amount of space, and the construction adopted is designed to cause the parts to fit each other, when folded, closely and compactly, and, when opened, to be strongly secured and well braced.

In the accompanying drawings, the letter A designates the bottom of the coop, provided with the end cleats *a*, and the cleats *b* underneath. B indicates the ends of the coop, consisting of the rails *c c'*, and the wires *d*. The lower rails are pivoted to the end cleats *a* by notching them to circular form at the points *e*, and passing around them, in these notches, or journals, the hinge loops or staples *g*. C designates the sides of the coop. These consist of rails *h h'* and wires *d*, and are similar to the ends, except in length and width. The side is wider than the end of the coop, by the height of the cleat *a*, as the sides are not placed upon cleats, but are hinged by the loops *k* to the

bottom of the coop. D indicates the top of the coop, strengthened by the transverse cleats *l*. An opening, E, is made in the top D, and is provided with a hinged gate, F, having a suitable fastening. To the middle wires of one or both ends of the coop is secured a feed-box, G. The upper rails of the ends of the coop are grooved to receive the tongues *m*, which project from the ends of the upper rails of the sides, and suitable hooks *n* and staples are provided to hold the sides and ends together when raised in position. The ends of the cleats *l* of the top are designed to fit in grooves or notches *v* cut in the upper rails of the sides, by which the top of the coop is secured thereto. These cleats *l* are located at such a distance apart that they will lie just within the upper rails of the ends of the coop when the latter are folded down.

In the folding operation the sides are first turned down upon the bottom of the coop, and when in this position they are designed to be a sufficient distance apart to admit between them the feed-boxes when the ends of the coop are folded down upon them. When the coop is folded it occupies but little space, and its form is most convenient for storing. At the same time the folded parts lie squarely upon each other, and are thus able to sustain superincumbent pressure without injury.

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

The chicken-coop constructed with a bottom having the end cleats *a*, the sides *c* having notches *v* and hinged to the bottom boards, the ends B hinged to the end cleats *a*, and the top D having the projecting cleats *l*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WILLIAM JACOB HENRY KAPPE.

Witnesses:

L. G. PARKER,
J. P. MOIER.