

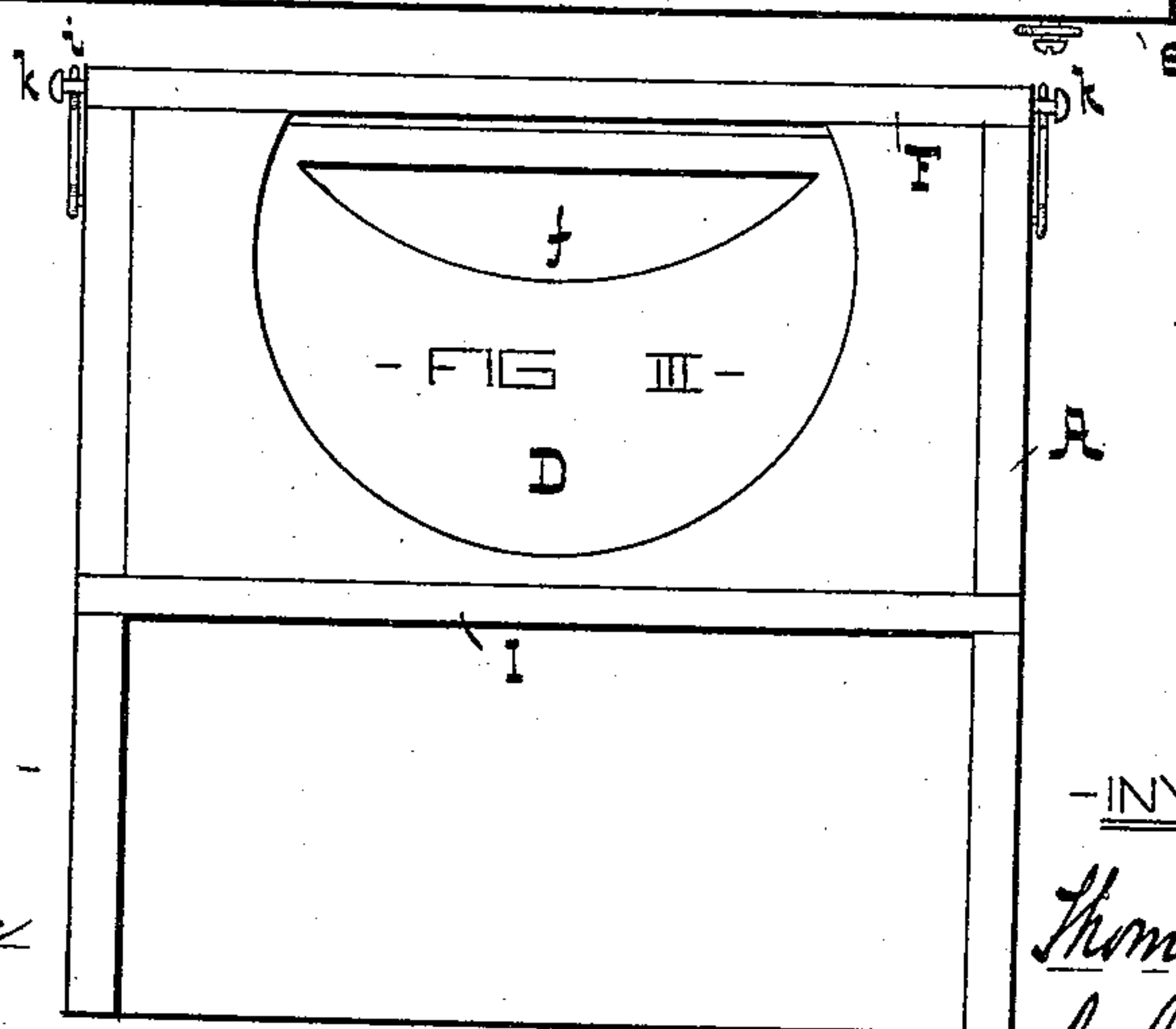
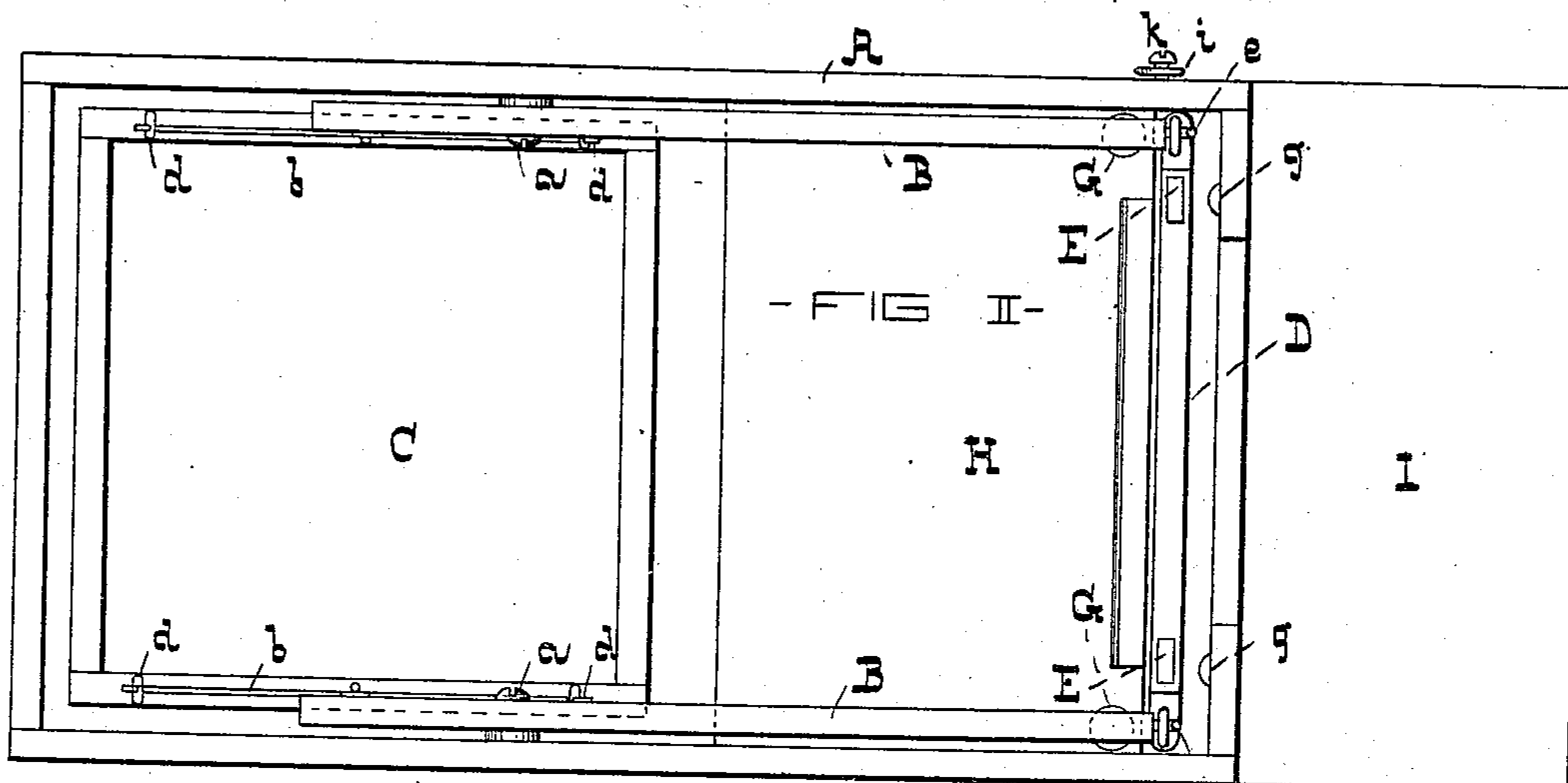
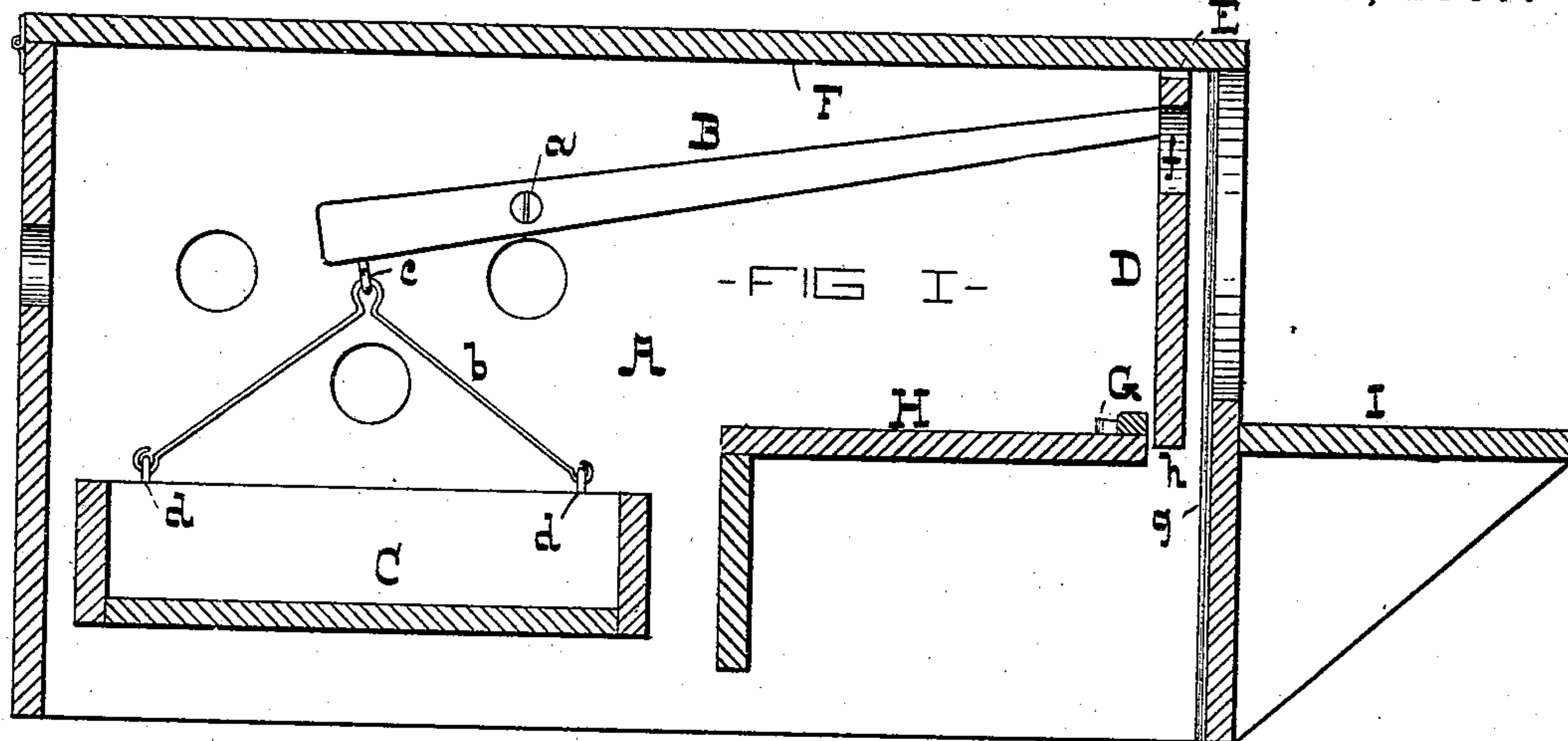
(No Model.)

T. W. RUSSELL.

HEN'S NEST.

No. 361,651.

Patented Apr. 19, 1887.



-WITNESSES-

Daniel Lisher
L. Heald

-INVENTOR-

Thomas W. Russell,
by G. W. Howard,
Atty.

UNITED STATES PATENT OFFICE.

THOMAS W. RUSSELL, OF UNION BRIDGE, MARYLAND.

HEN'S NEST.

SPECIFICATION forming part of Letters Patent No. 361,651, dated April 19, 1887.

Application filed January 10, 1887. Serial No. 223,839. (No model.)

To all whom it may concern:

Be it known that I, THOMAS W. RUSSELL, of Union Bridge, in the county of Carroll and State of Maryland, have invented certain Improvements in Hens' Nests, of which the following is a specification.

This invention relates to certain improvements in that class of hens' nests in which the egg-tray is suspended from the short arms of a pair of levers fulcrumed within the box. The long arms of the levers, which extend to near the opening in the box through which the hen enters and emerges from the nest, are connected by means of a door, which, as the egg-tray descends with the weight of the hen, rises and closes the said opening.

The said invention consists, first, in a peculiar construction of the movable door and in the manner in which it is combined with a platform upon which the hen alights on leaving the egg-tray.

The second part of the said invention consists in means whereby the moving parts of the nest are cushioned, in order to prevent noise in the opening and closing of the door, and in devices whereby the said door is prevented from rubbing against the inner surface of the front of the box, as will hereinafter fully appear.

In the further description, &c., Figure I is a sectional side elevation of the improved hen's nest. Fig. II is a top view of the same with the lid removed. Fig. III is a front view of the nest.

Similar letters of reference indicate similar parts in all the figures.

In the said drawings, A is the box which constitutes the shell of the nest. B B are levers, fulcrumed at *a* to the inner sides of the box A, the means of connection between the said levers and the box being screws of ordinary description.

To the short arms of the levers B B is suspended the egg-tray C by means of the links *b b* and the hooks and eyes, respectively rep-

resented by *c* and *d*. To the long arms of the levers B B, which are provided with hooks *e e*, is supported the door D, consisting of a board having the ventilating-aperture *f*, which is of such size as to admit air and light sufficient for the comfort of the inclosed hen, while it prevents the intrusion of other hens. The door D is prevented from coming into contact with the inner surface of the front portion of the box by means of strips *g g*, (shown in Figs. I and II,) and undue friction is thus prevented.

E E are cushions, of cork or some other soft material, fastened to the upper part of the door D, in order to prevent noise as the door comes in contact with the lid F of the box, which lid is of the hinged description. Similar cushions, G G, are applied to the platform H, to receive the levers B B as the same descend. This platform does not extend entirely to the front of the box. (See Fig. I.) Consequently there is left a space, *h*, for the passage of the door.

The box is provided with the usual stand, I, situated exteriorly of the front of the box.

The hinged lid F is secured in a closed position by means of the catches *i i*, which pass around the pins *k* on the lid.

I claim as my invention—

In a hen's nest, the following elements in combination, viz: the box A, provided with a stand, I, and having the fixed platform H, with its outer end separated from the front of the box, so as to form the space *h*, levers B B, egg-tray C, detached from the box and suspended from the short arms of the said levers, and the door D, attached to the long arms of the levers, and provided with the opening *f*, and adapted to slide in the space *h*, which extends across the box, substantially as and for the purpose specified.

THOMAS W. RUSSELL.

Witnesses:

SAML. M. RUSSELL,
WM. H. H. CLARY.