

No. 691,972.

Patented Jan. 28, 1902.

I. H. RICE.
KNOCKDOWN PAPER BOX.

(Application filed July 29, 1901.)

(No Model.)

A Fig. 1.

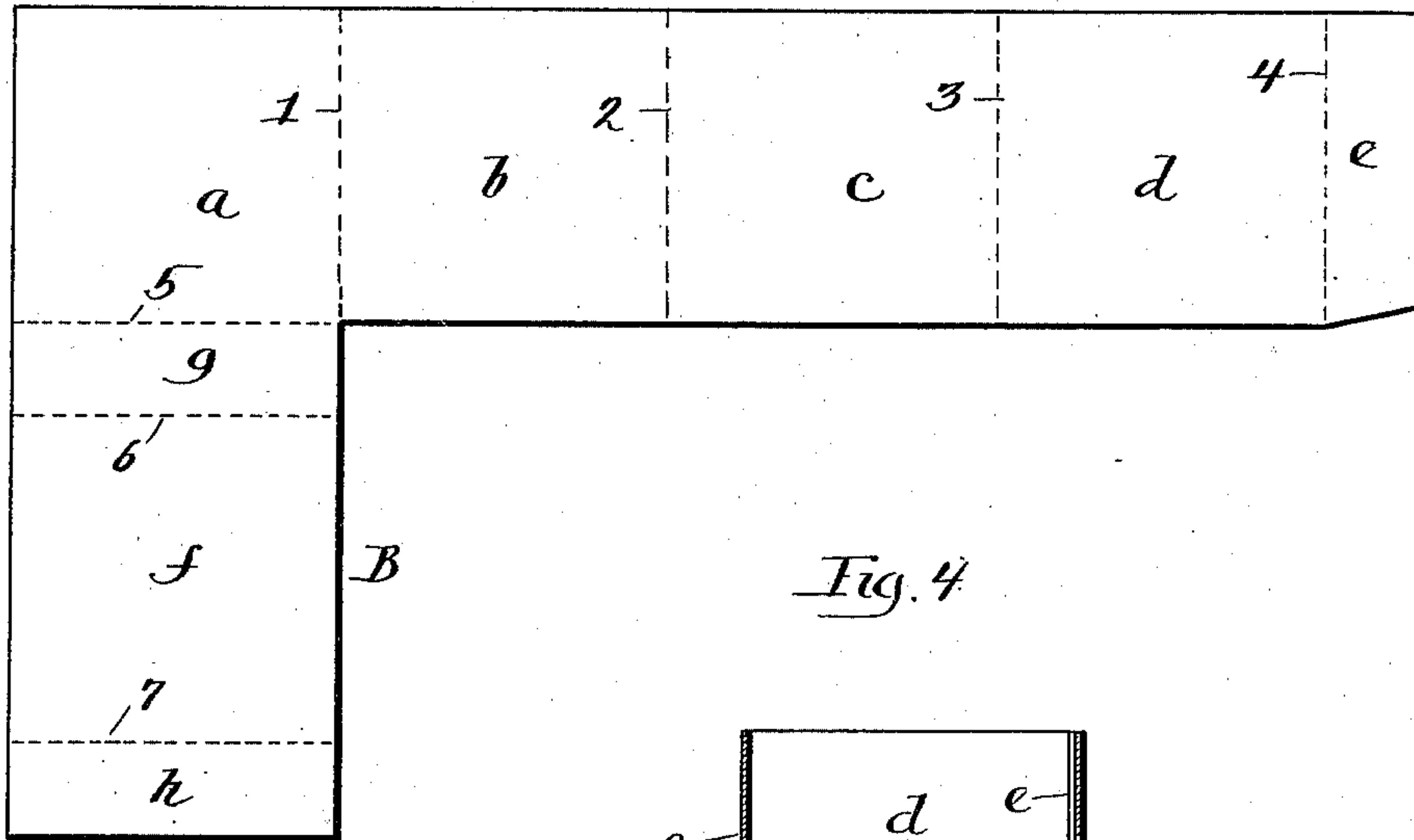


Fig. 4.

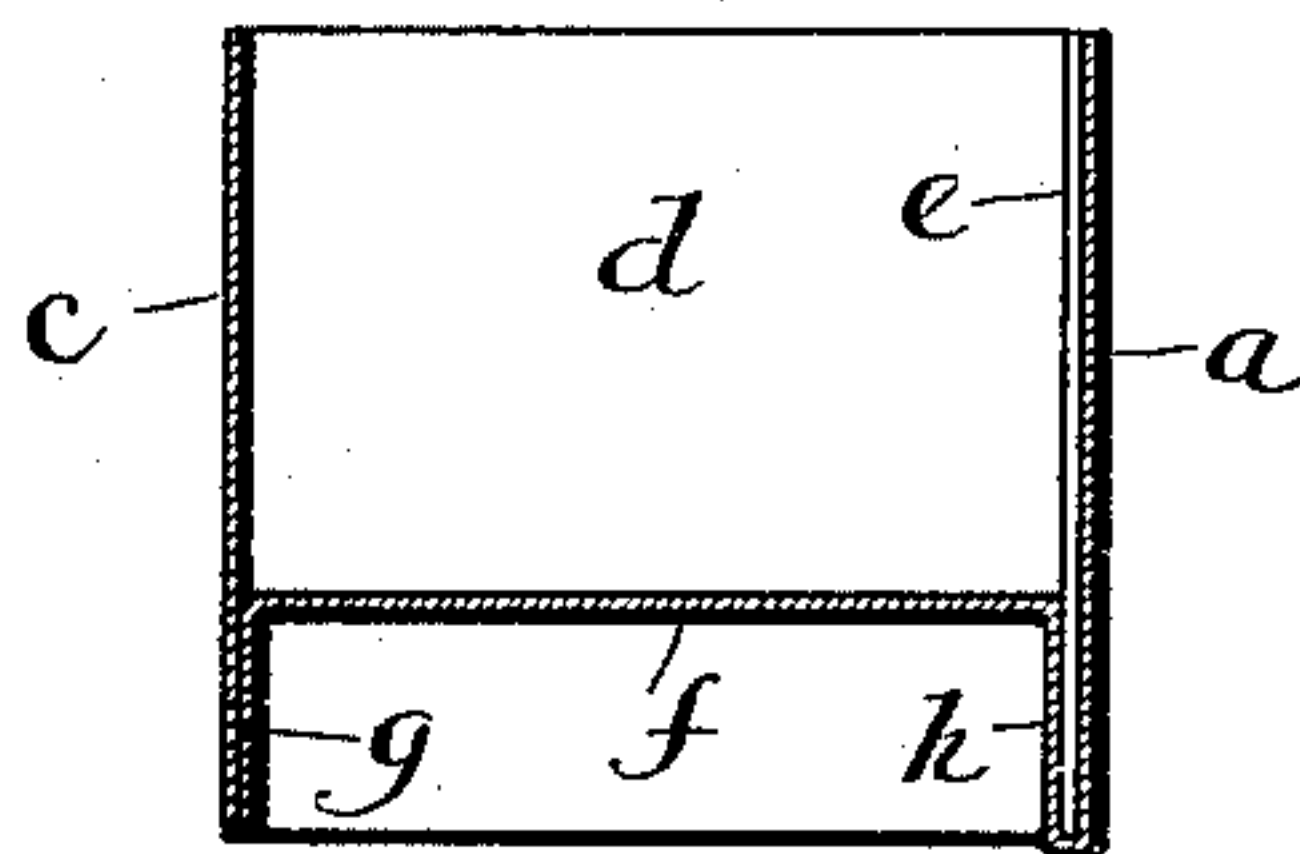


Fig. 2.

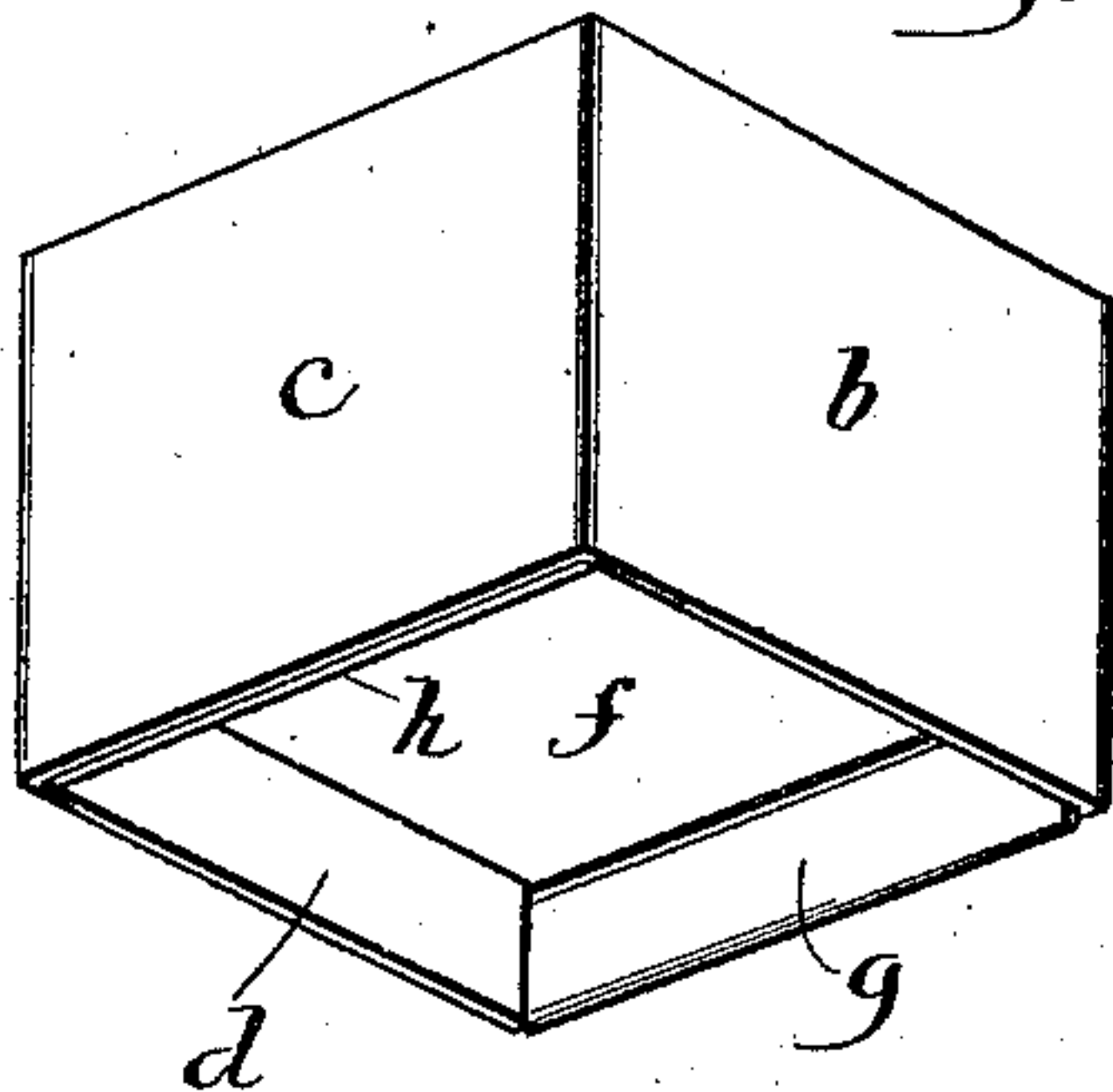


Fig. 3.

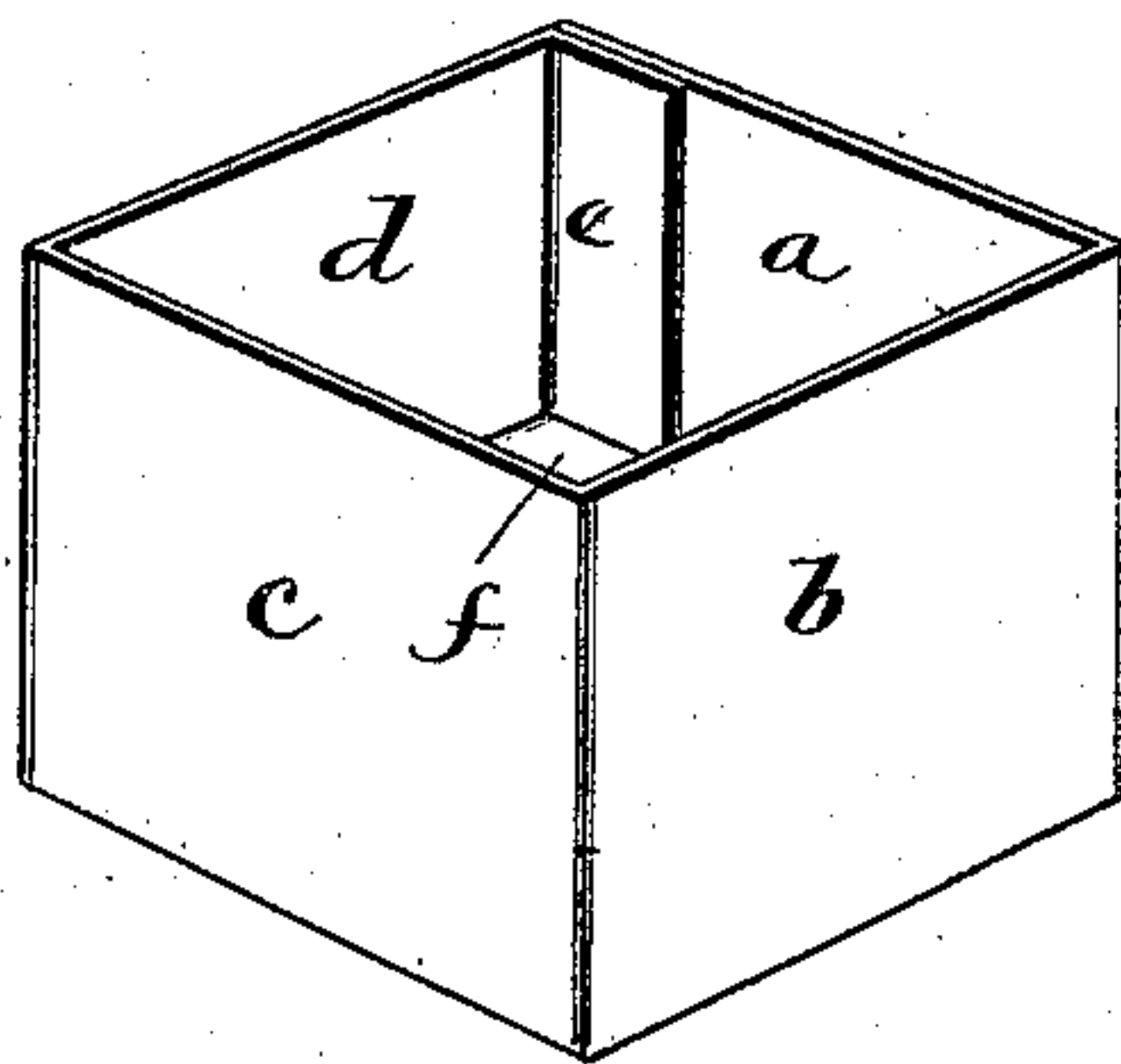
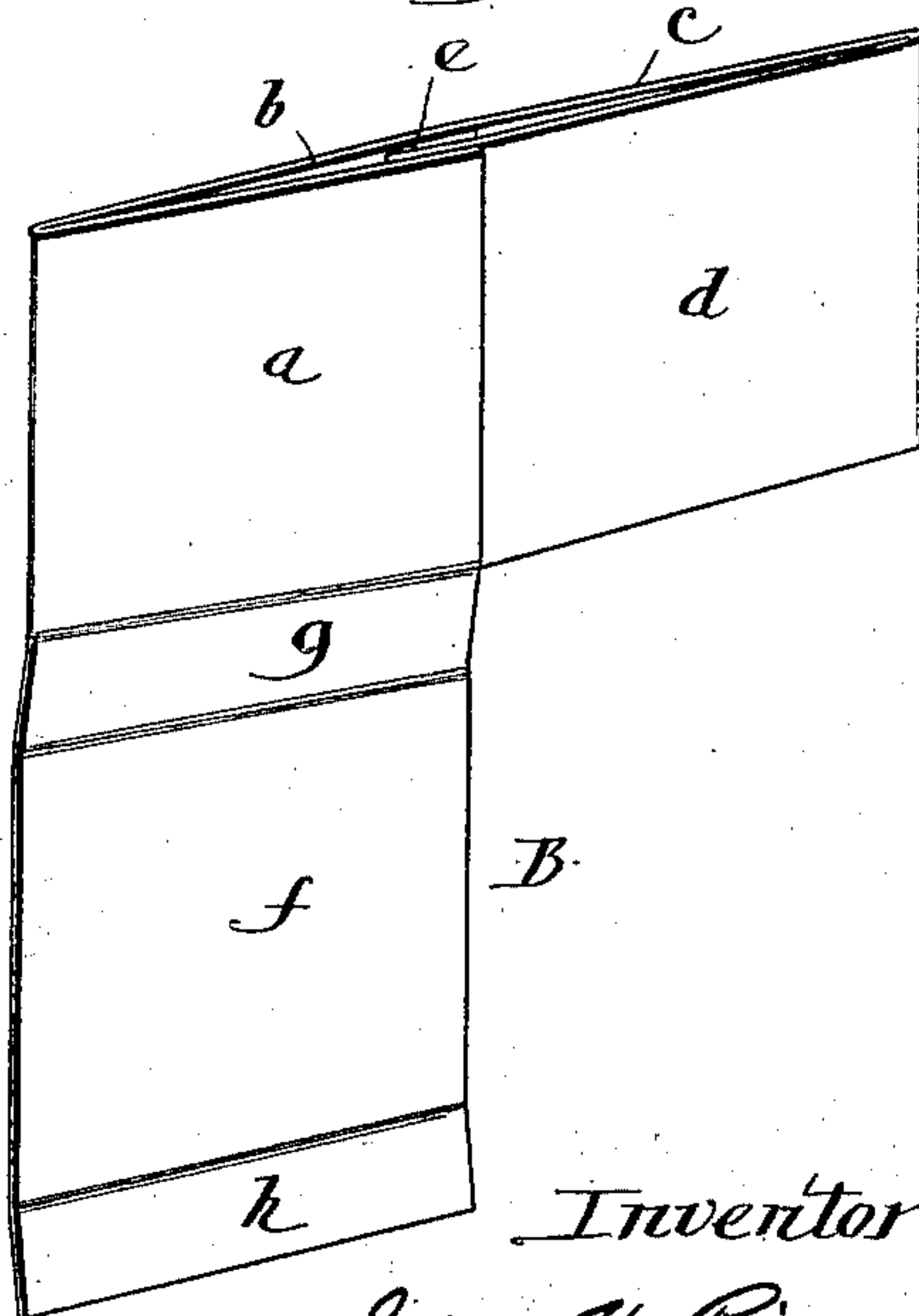


Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

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KNOCKDOWN PAPER BOX.

SPECIFICATION forming part of Letters Patent No. 691,972, dated January 28, 1902.

Application filed July 29, 1901. Serial No. 70,065. (No model.)

To all whom it may concern:

Be it known that I, IDA H. RICE, a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful
5 Improvements in Knockdown Paper Boxes, of which the following is a full, clear, and exact description.

The invention relates to knockdown paper boxes and seeks to construct from a single
10 blank of paper or pasteboard a simple and inexpensive open-topped box having a raised bottom for containing confections and the like, which may be knocked down when empty and conveniently packed for shipping, one
15 above the other, when filled.

The invention consists in the features set forth in the following description, illustrated in the accompanying drawings, and more particularly pointed out in the appended claim.

20 In the drawings, Figure 1 is a plan view of the blank from which the box is formed. Figs. 2 and 3 are perspective views of the improved box as set up, showing the bottom and top, respectively. Fig. 4 is a view in section of
25 the same. Fig. 5 is a perspective view of the box as knocked down.

The box is formed from a single L-shaped blank of paper or pasteboard having straight unbroken edges, as indicated in Fig. 1. This
30 blank comprises a longitudinal strip A, rectangular in outline, which is provided with a gummed end tab *e*, by which the ends of the strip are permanently secured together to form the sides of the box. The strip A is
35 marked, bent, or scored at proper intervals to provide the transverse creases or scores 1, 2, 3, and 4 between the separate sides *a*, *b*, *c*, and *d* of a rectangular box, as clearly indicated in the drawings.

40 An integral flap B, rectangular in outline, is provided, which extends at right angles to the strip A from the lower edge of the side *a* at the end of the strip opposite the gummed tab *e*. The flap B is bent or creased at its juncture
45 with the strip A to form the crease or score 5 and also near each end to provide the transverse creases or scores 6 and 7 between the bottom *f* and the wings *g* and *h*.

The boxes thus formed may be knocked down flat, as clearly shown in Fig. 5, and can
50 be conveniently shipped and stored in that shape. When the boxes are to be filled, the sides can be opened out and the flap B inserted between the sides to form a raised bottom and complete the receptacle, as shown in Figs. 2,
55 3, and 4. It is not necessary to gum or otherwise fasten the flap B in position, since the bottom and the wings *g* and *h* fit snugly in position within the sides and have sufficient
60 resilience to maintain the shape of the box as set up solely by the frictional bearing of the wings *g* and *h* against the opposite sides *a* and *c*.

It will be seen that I have provided a simple and inexpensive knockdown open-topped
65 paper box which can be packed in a small space and which can be easily and rapidly set up and filled. The filled boxes can be conveniently packed one upon the other in shipping cartons or boxes, since the raised bottoms
70 will not interfere with the contents of the boxes immediately below, which may be heaped above the upper edge of the same.

It will thus be observed that by forming the box from a single L-shaped blank having
75 straight unbroken edges and comprising the rectangular strips A and B the blanks may be cut from a sheet of material with great economy, since there will be little or no waste.

The boxes are particularly applicable for
80 containing small quantities of confections, bakers' goods, berries, and the like, which retail for a small sum.

Having thus described my invention, what I claim as new, and desire to secure by Let-
85 ters Patent, is—

A knockdown, open-topped paper box, formed of a single L-shaped blank having
90 straight, unbroken edges and comprising a strip A rectangular in outline and creased transversely at regular intervals to form the rectangular sides *b*, *c* and *d* intermediate the rectangular end side *a* and the end gummed
95 tab *e*, by which latter the ends of the strip are permanently secured together, and the integral flap B, rectangular in outline and ex-

tending at right angles to the strip A from the lower edge of the end side a , creased transversely to form the bottom portion f and the end wings g and h and adapted to snugly fit
5 between the sides when opened out and to be held in position solely by the frictional bearing of the end wings against opposite sides to

form a raised bottom, substantially as described.

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Witnesses:

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