

No. 665,755.

Patented Jan. 8, 1901.

S. RAAEN.
BOX FASTENER.

(Application filed July 23, 1900.)

(No Model.)

Fig. 1.

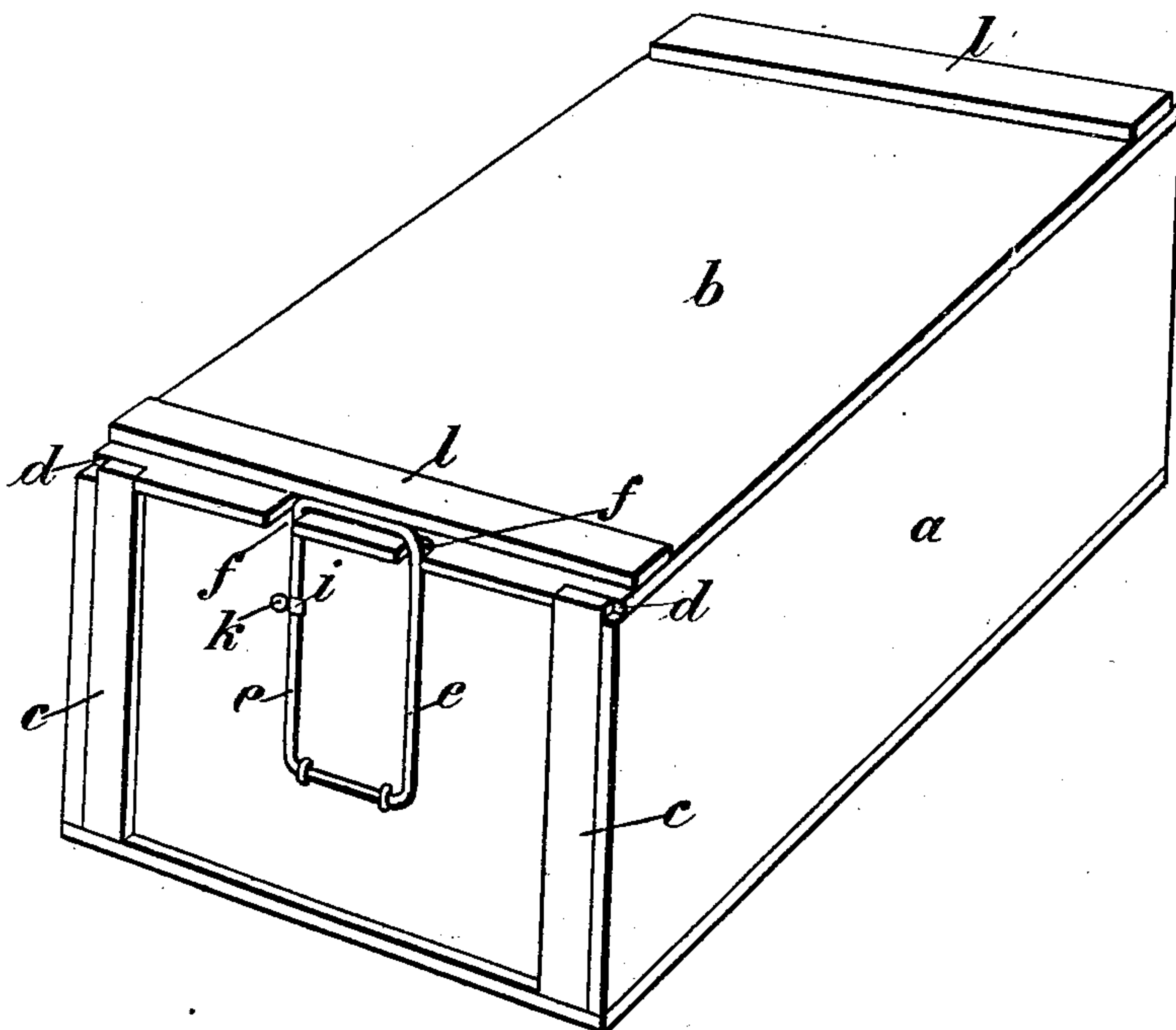


Fig. 2.

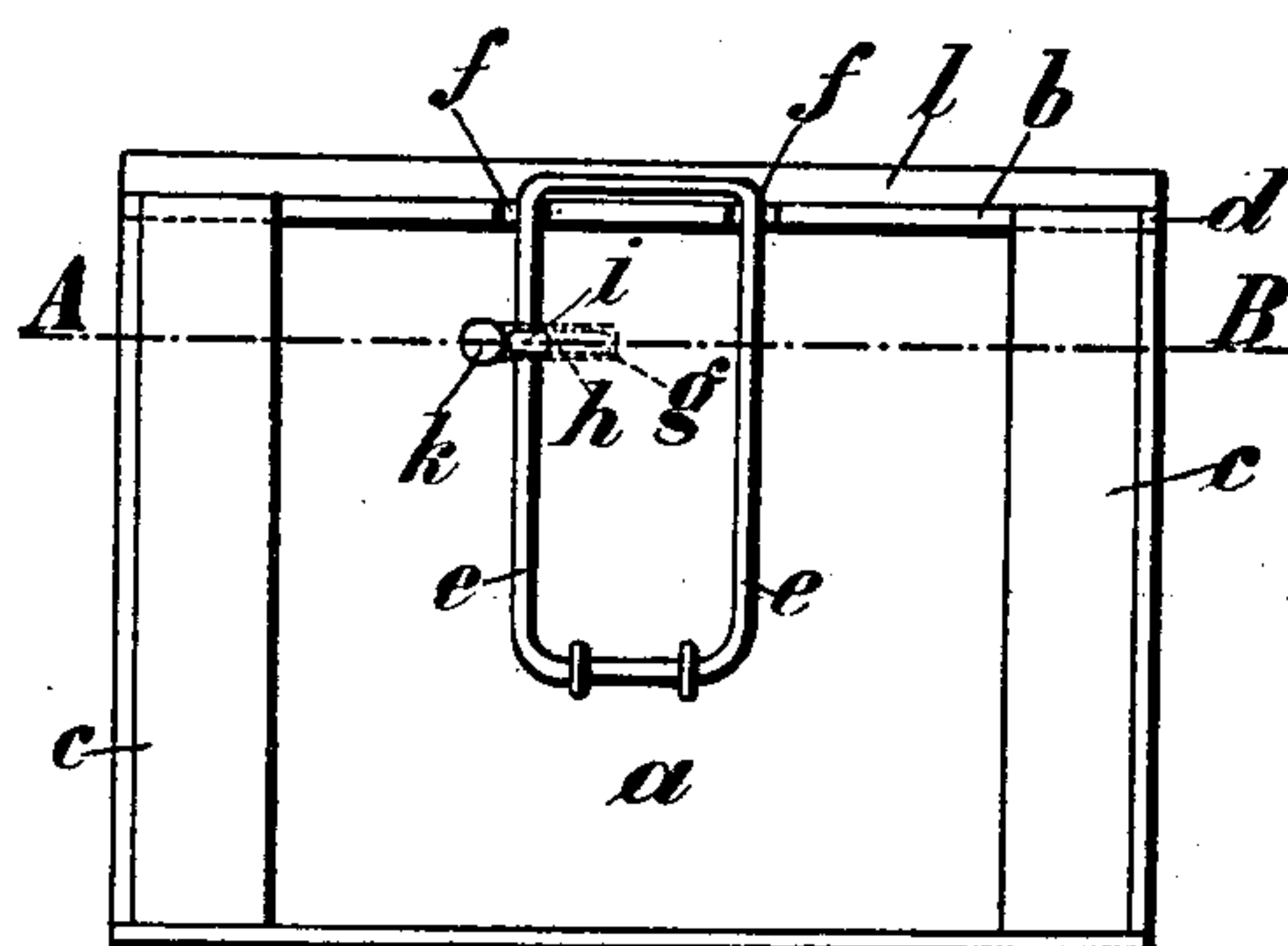
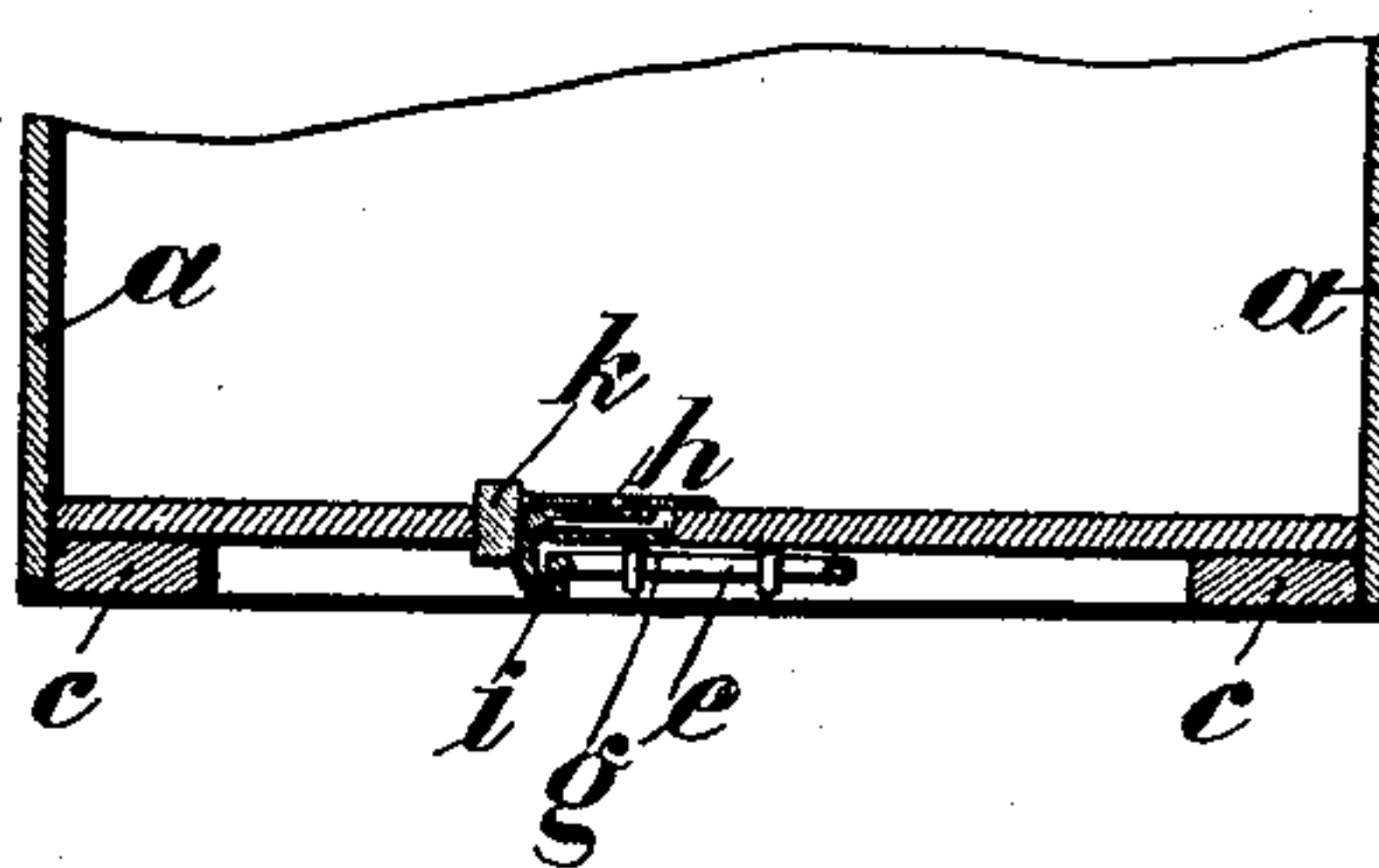


Fig. 3.



Witnesses.
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SOFUS RAAEN, OF AALBORG, DENMARK.

BOX-FASTENER.

SPECIFICATION forming part of Letters Patent No. 665,755, dated January 8, 1901.

Application filed July 23, 1900. Serial No. 24,504. (No model.)

To all whom it may concern:

Be it known that I, SOFUS RAAEN, manufacturer, of Aalborg, in the Kingdom of Denmark, have invented certain new and useful
5 Improvements in Fastening Arrangements for the Lids or Covers of Packing-Cases, Casks, and the Like, of which the following is a specification.

The object of the present invention is a fastening device for packing-cases and other
10 boxes or the like by means of which the cover or lid may be firmly secured without the use of nails, screws, or any special lock.

The invention is illustrated on the accompanying drawings, in which—
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Figure 1 shows a perspective view of a box supplied with the said fastening device. Fig. 2 is an end view of the same, and Fig. 3 a section on the line A B of Fig. 2.

20 *a* is the box, and *b* the cover. On the ends of the box are placed two battens *c*, projecting a little above the upper edge of the box. The projecting ends of the battens *c* fit into corresponding notches *d* in the cover for the
25 purpose of preventing the shifting of the cover to either side when it has been placed in position.

On the one end of the box a bow or link *e*, made either in one or two pieces, is hinged
30 to the box in such a way that the link may be turned out from or toward the box, as the case may be. The cover or lid *b*, which reaches a little beyond the ends of the box, is further provided with notches *f*, into which the link
35 *e* may pass when moving toward the end wall of the box. On the inner side of this end wall and opposite the one arm of the link *e* is arranged an opening *g*, in which a sliding piece *h* may be moved in a direction at right
40 angles with the vertical arm of the link. The sliding piece *h* has a bent arm *i* projecting through the wall of the box and capable of catching around the one arm of the link *e* when this has been brought quite home
45 against the wall of the box. When the arm *i* of the sliding piece *h* is made to grasp the arm of the link *e*, the link will be prevented

from moving away from the box, and the box will thus be perfectly closed. In order to prevent the moving back of the sliding piece
50 *h*, whereby the arm *i* would be disengaged from the link, a suitable cork or plug *k* may be inserted in the part of the opening *g* that is not filled up by the sliding piece *h* when the arm *i* is around the arm of the link. For
55 the sake of further security and in order to be able to ascertain at a glance whether the box has been illegally opened or not a seal may be used in conjunction with the cork or plug *k*. When the box is to be opened, the plug
60 *k* is withdrawn, the sliding piece *h* is pushed back, so that its arm *i* no longer catches around the link *e*. The link is then disengaged from the notches *f*, and the cover or lid
65 may be removed. At the other end of the box may be arranged either a device similar to the one just described, or the link may be rigid, or the lid may be hinged at that end or attached to the box in any other suitable
70 manner which will prevent the lifting away of the cover at that end before the other end is released. The projecting ends of the battens *c* of the cover and of the bottom protect the link *e* and the other fastening device from being damaged. For the same purpose the
75 cover is provided with battens *l*.

Having now particularly described and ascertained the nature of the said invention and in what manner the same is to be performed,
80 I declare that what I claim is—

A fastening device for two parts of cases and other articles, consisting of a link pivoted to one of said parts, a locking-bolt mounted to slide on the other part transversely of the link and adapted to engage the latter,
85 and a stop-plug for preventing the sliding movement of the said bolt.

Signed at Copenhagen, Denmark, this 7th day of July, 1900.

SOFUS RAAEN.

Witnesses:

ERNEST BOUTARD,
J. C. JACOBSEN.