

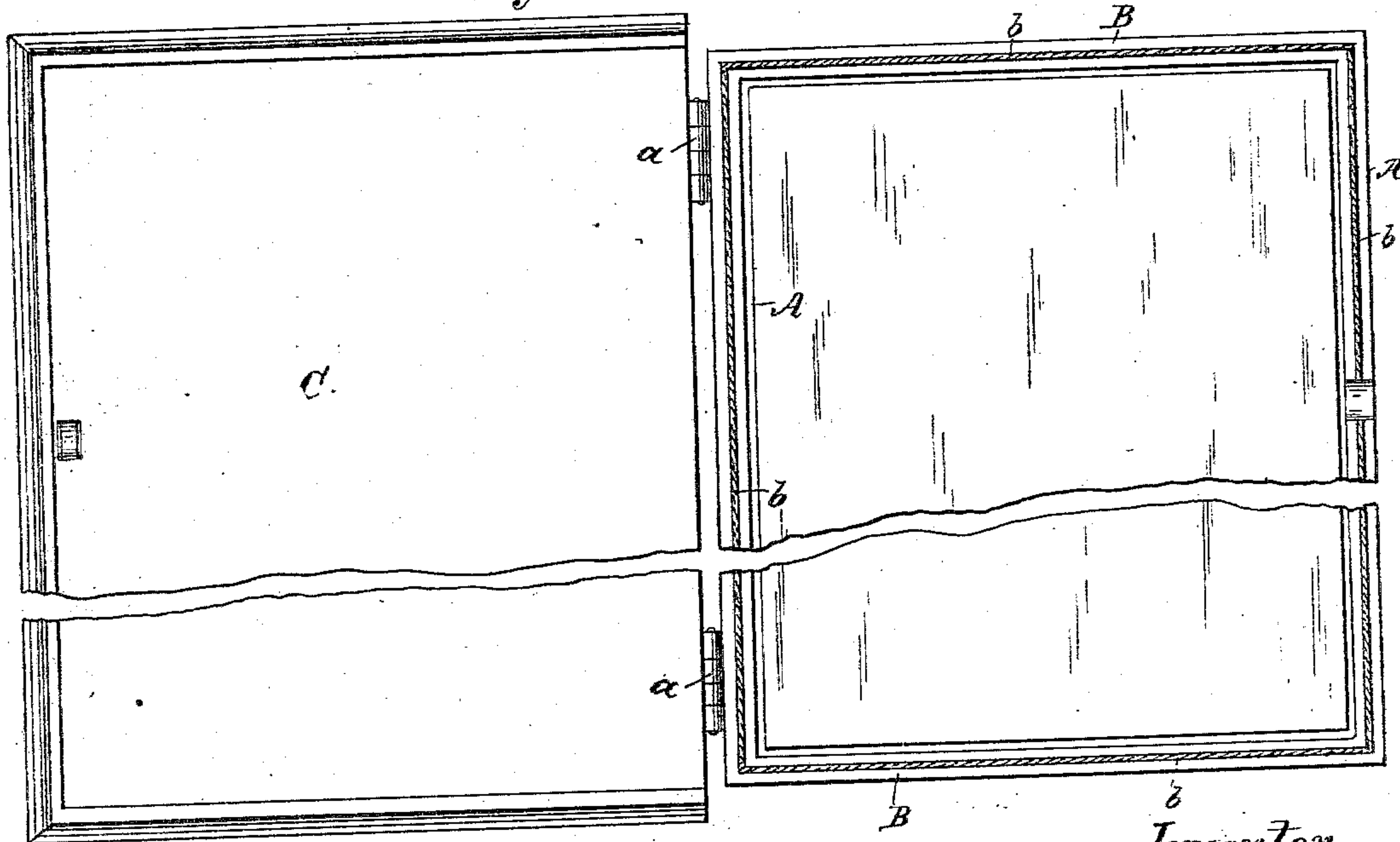
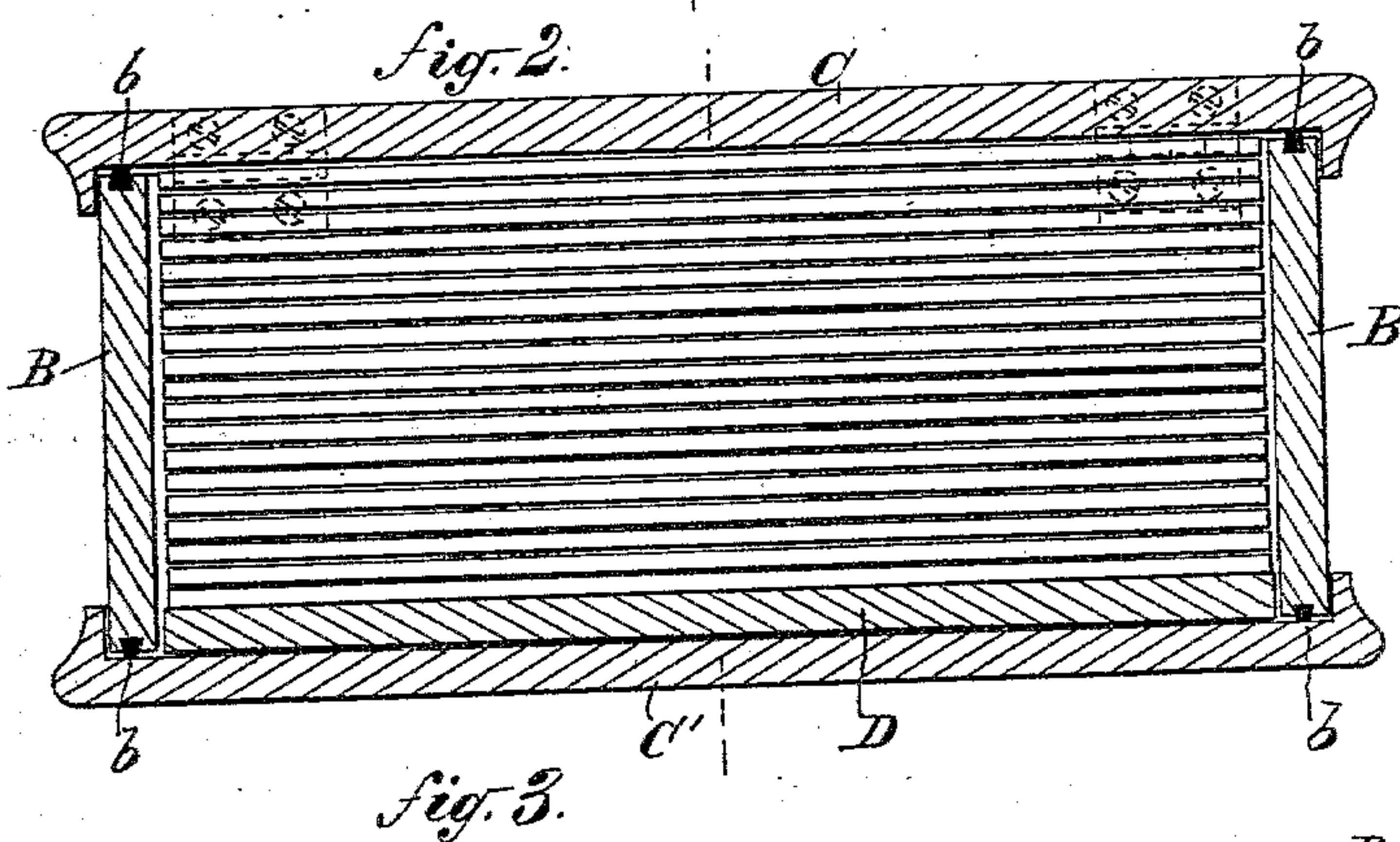
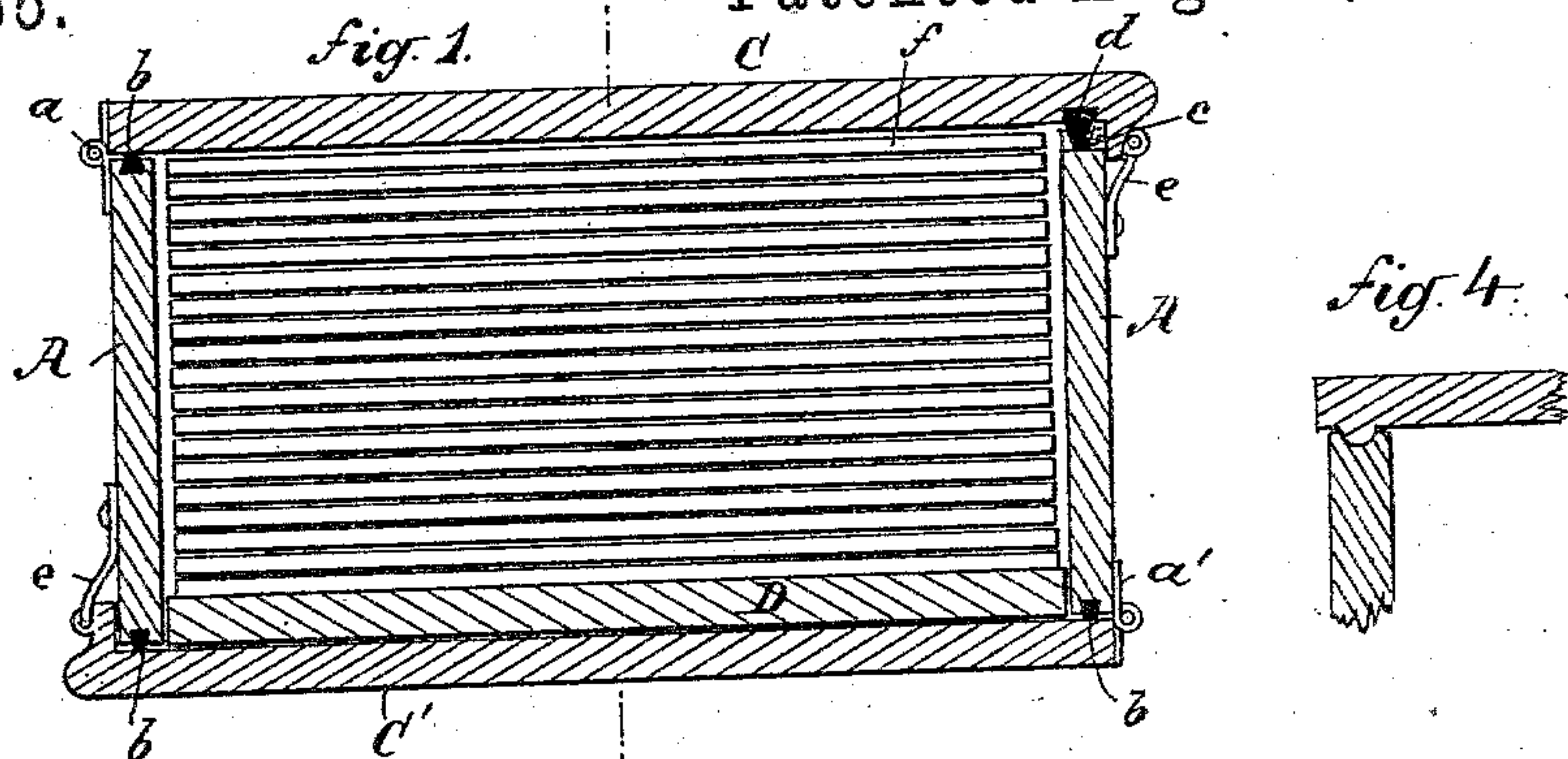
(No Model.)

H. T. ANTHONY.

CASE FOR TRANSPORTING PHOTOGRAPHIC PLATES.

No. 283,455.

Patented Aug. 21, 1883.



Witnesses:
Henry E. E. E.
A. W. Verneille

Inventor
Henry T. Anthony
by J. H. Hitch
his Atty

UNITED STATES PATENT OFFICE.

HENRY T. ANTHONY, OF NEW YORK, N. Y., ASSIGNOR TO E. & H. T. ANTHONY & CO., OF SAME PLACE.

CASE FOR TRANSPORTING PHOTOGRAPHIC PLATES.

SPECIFICATION forming part of Letters Patent No. 283,455, dated August 21, 1883.

Application filed June 16, 1883. (No model.)

To all whom it may concern:

Be it known that I, HENRY T. ANTHONY, residing in the city of New York, in the county and State of New York, have invented a new and useful Case for Transporting Photographic Plates, of which the following is a specification, reference being had to the accompanying drawings, forming part of the same, in which—

Figure 1 is a central vertical section, and Fig. 2 a central longitudinal section, of a case embodying my invention, the section in Fig. 1 being on line *x x*, Fig. 2, and the section in Fig. 2 being on line *y y*, Fig. 1. Fig. 3 is a side view, looking down upon the open case, the cover or lid being thrown open; and Fig. 4 is a detached view, in section, of a portion of a cover and one of the sides of the body of the holder, showing a modification of the joint between the lid and said body for the exclusion of light from the holder.

By the use of what are known as "dry plates," it is common to take photographic negatives in the open air and elsewhere at a distance from the darkened room in which such plates are prepared or developed. The practice of this open-air photography requires the use of a case or other receptacle in which a number of plates may be inclosed and transported from the light. In order to exclude the light from the plates while they are being transferred from the case to the plate-holder of the camera, the practice is to place the case in a dark sack that is provided with arm-holes, through which the operator thrusts his arms, having placed in the sack, before closing its mouth, the plate-holder also; then, guided by the sense of feeling, he opens the case and withdraws a plate, and puts it into the plate-holder and closes the case. He may then open the sack and take out the holder containing the plate to be exposed in the camera. After the exposure the plate is replaced in the case by again placing the holder in the sack, excluding the light and transferring the plate from the holder to the case. At the same time that an exposed plate is thus replaced a fresh plate may be taken from the case and placed in the holder.

My invention relates to the case referred to; and it consists in the improvements upon the

same, hereinafter described and claimed, whereby its convenient use is facilitated and the exclusion of light is insured.

The case, usually of wood, consists of a body formed of sides A and ends B. This frame or body, made of suitable size corresponding to that of the plates it is designed to hold, is provided with two covers or lids, C and C', hinged to the body, the hinges *a a'* of each being preferably on the opposite side of the body from the other, as shown in the drawings, so that the sides will open in opposite directions. In grooves cut in the open edges of the sides and ends I insert strips of rubber *b*, that stand a little above the level of the said edges. The lids, when closed, press upon these rubber strips and effectually exclude all light from the case. If preferred, the grooves in the sides and ends may be made semicircular, and corresponding ribs secured to the covers, which fit into the grooves when the lids are closed, as seen in Fig. 4. The lids may be provided with mouldings around their edges, as seen plainly in Figs. 1 and 2, which shut down over the edges of the sides and ends.

D is a plate, of wood or other suitable material, that corresponds in length and breadth with the length and breadth of the case, and fits loosely, so as to slide up and down therein.

c is a notch cut in the edge of the front side of the case opposite the hinges of the lid, through which the top plate of the series in the case, when the case is full, may be reached by the insertion of the finger or thumb nail to lift the top plate for removal from the case.

d, Fig. 1, is a piece of rubber inserted in the cover, so arranged that when the cover is closed the rubber will fit down into the said notch and close it against light.

In using this case I proceed as follows: The lid C being opened and lid C' closed, with the plate D lying down upon the latter, as seen in Figs. 1 and 2, the case is filled with plates, as shown in said figures, and the lid C closed and secured by a hasp or hook, *e*. Then, when at the place where they are to be exposed in the camera, the case, together with the plate-holder, is placed in a sack, before described, the lid C opened, and the top plate, *f*, removed and placed in the holder for exposure. After ex-

posure the holder is returned to the sack. The case now being reversed the lid C' is opened and the exposed plate is laid in upon the plate D and the said lid again closed. Then the case is again reversed to its first position, the lid C again opened, and another photographic plate removed and transferred to the holder, to be in turn, after exposure, returned to the opposite side of the plate D until all are in turn transferred from one side of the plate D to the other. By these means, as is obvious, an unexposed plate will at all times be presented at the top of the case within reach of the thumb or finger through the notch c until the entire number have been transferred, exposed, and returned, when the plate D will come to the top, and of course indicate to the sense of touch that all have been operated upon.

I have described a convenient and practicable construction of the said case with reference to excluding light therefrom when the same is closed; but I do not limit myself to the precise devices specified. Any other known equivalent devices may be employed.

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

The combination, with the described light-tight case provided with two hinged lids, C C', and notch c, of the plate D, as and for the purpose described.

H. T. ANTHONY.

In presence of—

A. G. N. VERMILYA,
WM. T. FARNHAM.