

(No Model.)

A. HERZOG.

PLATE HOLDER FOR CAMERAS.

No. 248,175.

Patented Oct. 11, 1881.

fig 2.

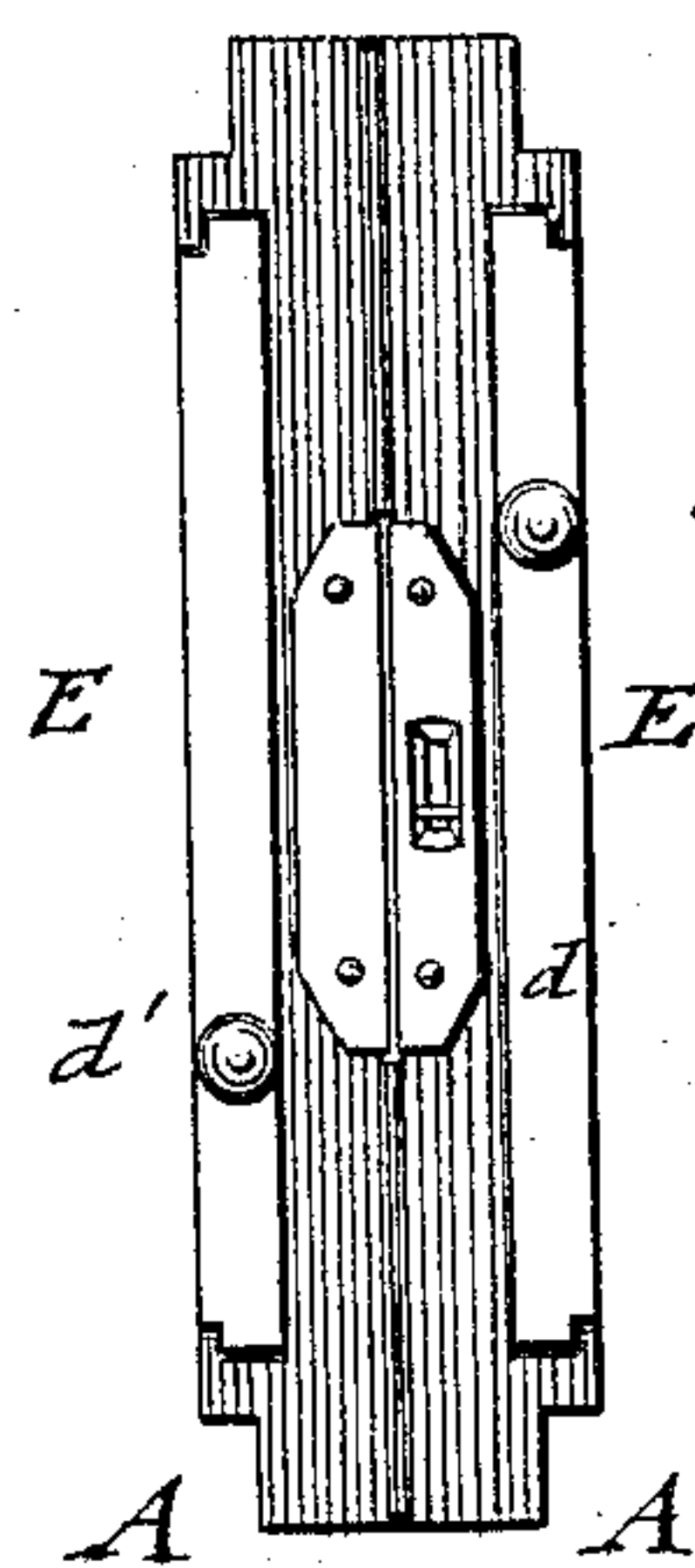


fig 1.

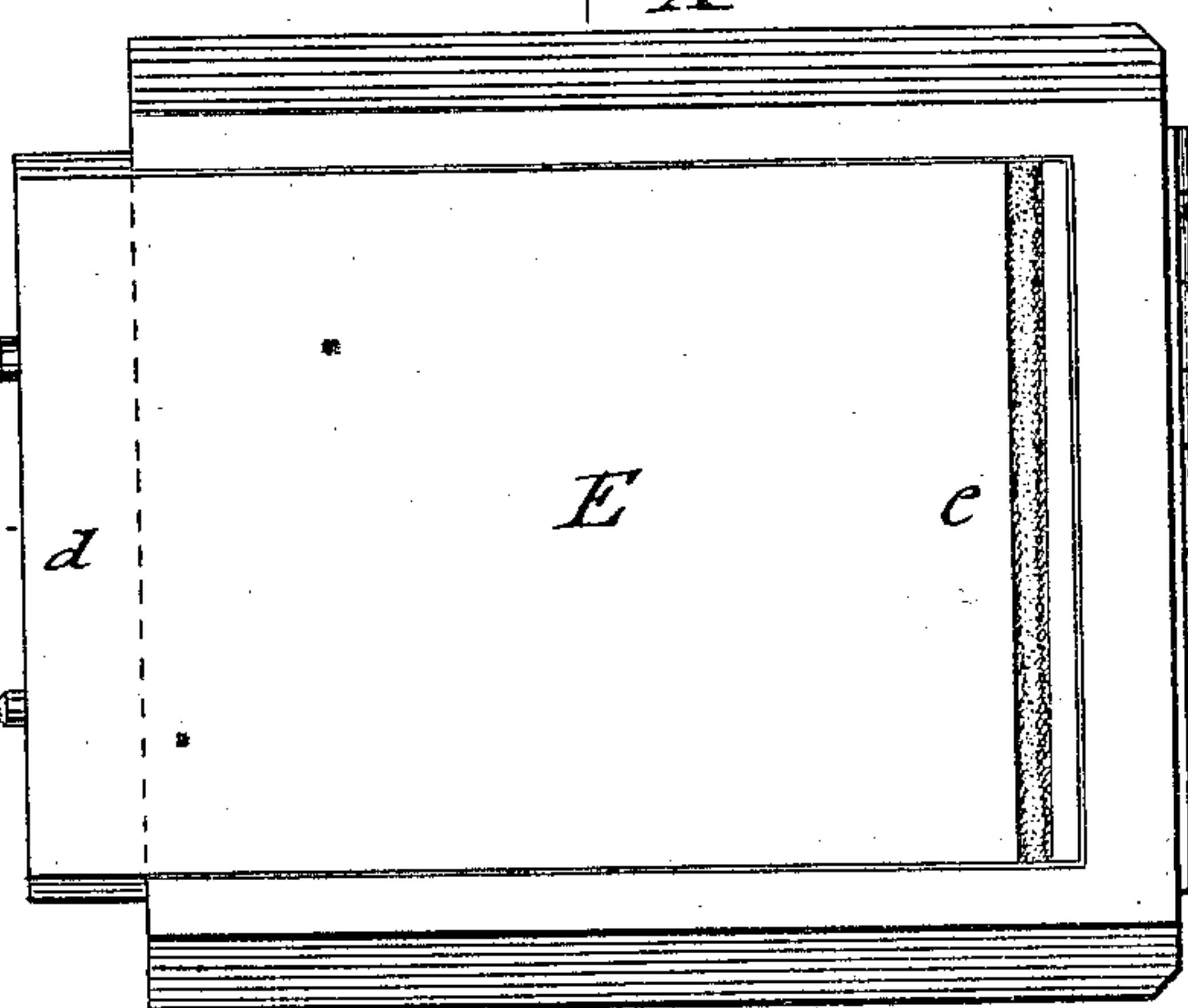


fig 3.

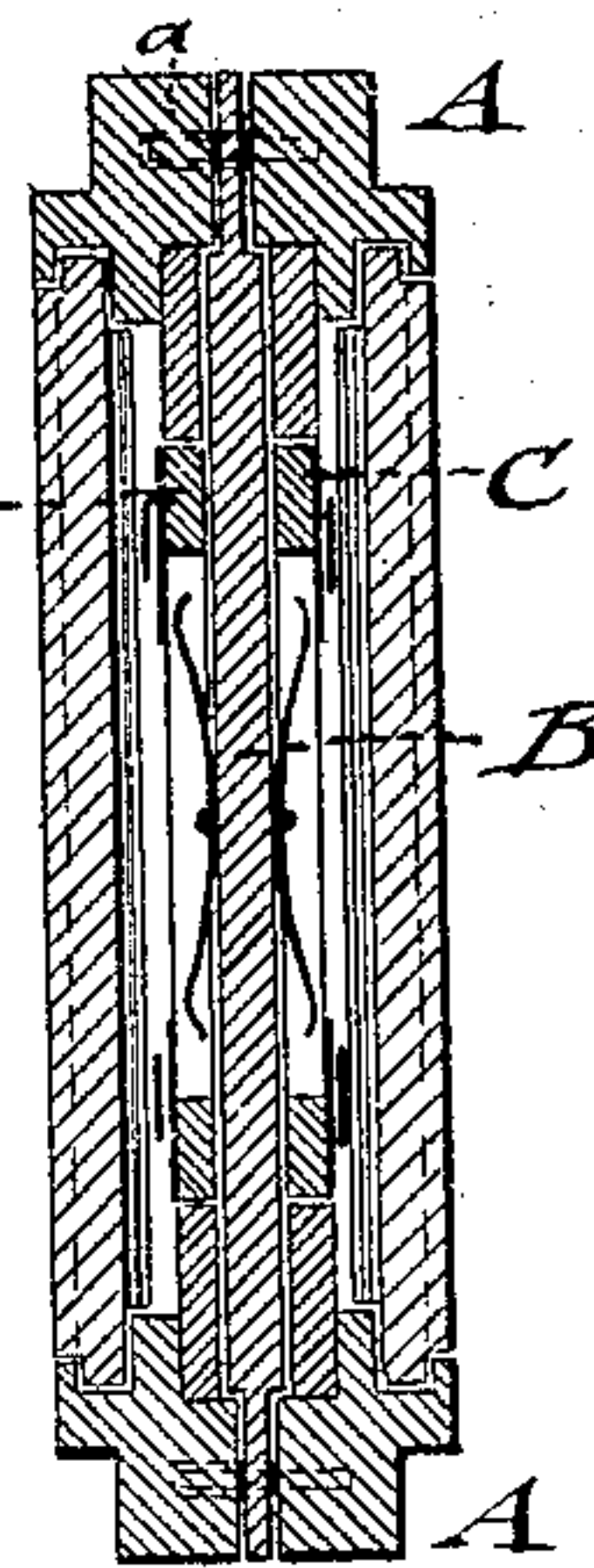


fig 4.

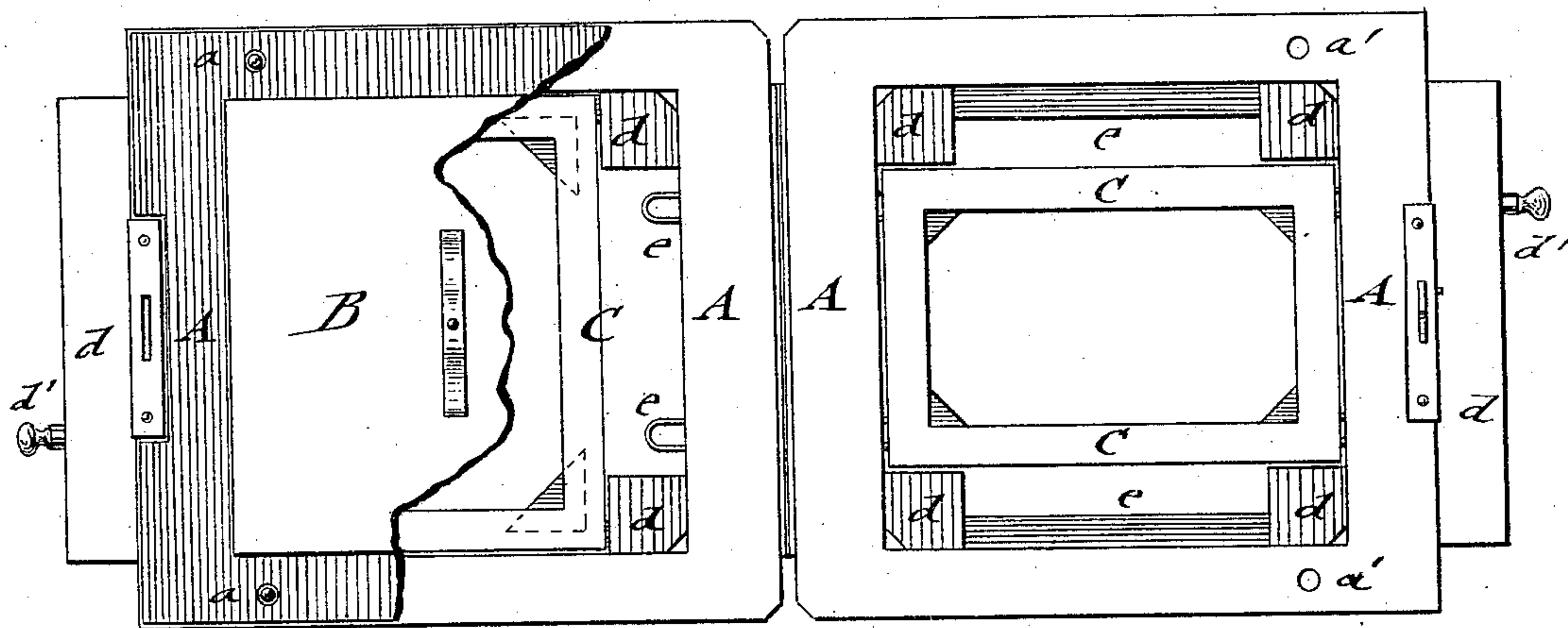
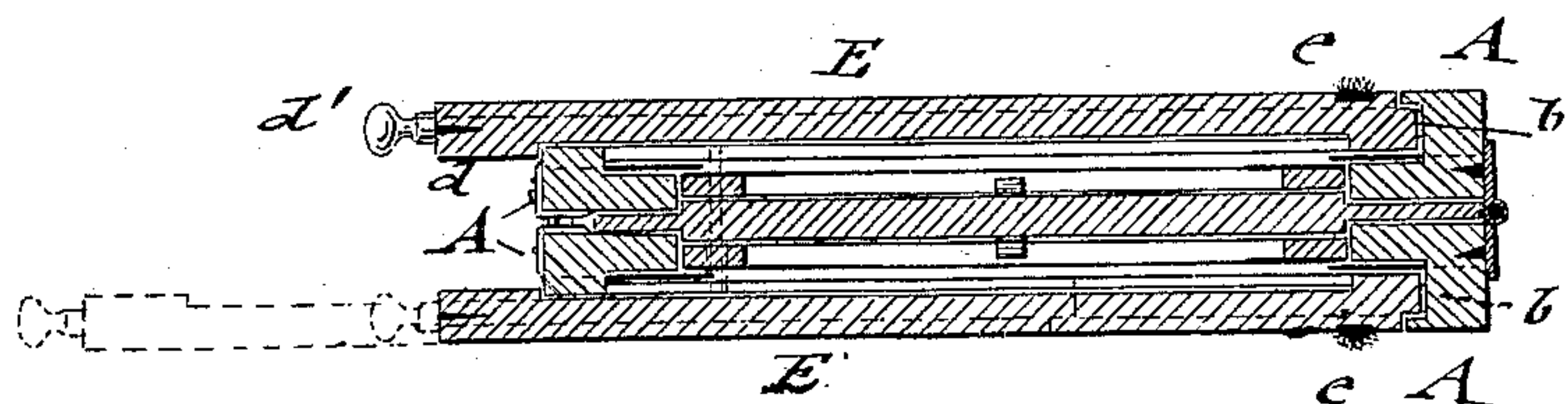


fig 5.



WITNESSES:

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PLATE-HOLDER FOR CAMERAS.

SPECIFICATION forming part of Letters Patent No. 248,175, dated October 11, 1881.

Application filed July 9, 1881. (No model.)

To all whom it may concern:

Be it known that I, AUGUST HERZOG, of Guttenburg, in the county of Hudson and State of New Jersey, have invented certain
5 new and useful Improvements in Plate-Holders for Cameras, of which the following is a specification.

This invention has reference to an improved plate-holder, which is arranged to hold two dry
10 plates and frames, the plates being separated by a removable septum.

The invention consists of a plate-holder made of two hinged and locked sections, each of which is provided with square corner-guides,
15 and with supports intermediately between the guides for the frames. The sections are separated by a septum, which is secured to guide-pins of one of the sections and tightly fitted to both sections by raised middle portions.
20 Each section is closed by a sliding cover, which is arranged flush with the exterior surface of the section, and provided with a projecting tongue at the inner edge, which fits into a corresponding groove of the section, so as to tightly
25 close each section against the entrance of rays.

In the accompanying drawings, Figure 1 represents a side view of my improved plate-holder. Fig. 2 is an end view; Fig. 3, a vertical transverse section on line *x x*, Fig. 1; Fig. 4,
30 an elevation of the plate-holder, shown in open position; and Fig. 5 is a horizontal section of the same on line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

35 The frame of the plate-holder is composed of two sections, A A, which are hinged together at one end and connected by a suitable lock at the opposite end. Between the sections A A is introduced a detachable septum, B, which
40 is secured by holes to pins *a* of one section A, said pins registering with socket-holes *a'* of the other section A. Each section A of the plate-holder is provided at the inside with corner-guides *d*, of square shape, and interme-
45 diately between the same with shoulders or staples *e*, for the support of the frame C, which may be placed either in line with the longitudinal axis of the plate-holder or in a position at right angles thereto, according as land-
50 scapes or portraits are desired to be taken by

the photographic apparatus. This simple arrangement enlarges the application of the plate-holder and renders it more convenient for practical use. The corner-guides *d* and frames C are somewhat below the inner sur-
55 face of each section A, so as to provide space for the middle raised portion of the septum B, which is thereby closely fitted into each section.

The septum B is provided at both sides with
60 the usual springs, which bear on the plates and hold them in position in the frames. Each section is furthermore provided with a sliding cover, E, which is made flush with the exterior surface of the section, and guided by side
65 tongues in grooves of the sections. The inner edge of the sliding cover E is fitted by a tongue, *b*, into a corresponding end groove of the section, so as to prevent the passage of rays to the inside of the plate-holder. The outer edge
70 of each cover E is provided with a shoulder, *d*, and with a button, *d'*, for drawing out and pushing in the cover. The outside of each cover E is furthermore provided near its inner
75 edge with a transverse elastic strip, *e*, of velvet or other suitable material, by which the plate-holder presses against the frame of the camera, so as to shut out any rays of light therefrom.

The advantages of my plate-holder are, that
80 two dry sensitized plates and two frames for holding the same can readily be inserted into each section of the holder, and can be carried therein for successive use.

Having thus described my invention, I claim
85 as new and desire to secure by Letters Patent—

1. In a plate-holder for cameras, the combination, with hinged sections A, of an intermediate removable septum, B, which is fitted by
90 raised center portions into the sections and secured in position between the hinged sections, substantially as and for the purpose set forth.

2. In a plate-holder for cameras, the combination of hinged sections A A with an inter-
95 mediate removable septum, B, which is fitted by raised center portions into the sections and secured to guide-pins of one section, substantially as specified.

3. In a plate-holder for cameras, the combi- 100

nation, with the hinged sections A and an intermediate removable septum, B, fitted thereto, with sliding covers E, which are arranged flush with the exterior surface of the sections, substantially as and for the purpose set forth.

5 4. In a plate-holder for cameras, the hinged sections A A, having sliding covers E, flush with the outer surface of the same, and provided with exterior elastic bands or strips e

near the inner edges of the sections, substantially as described. 10

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 7th day of July, 1881.
AUGUST HERZOG.

Witnesses:

PAUL GOEPEL,
CARL KARP.