

(No Model.)

4 Sheets—Sheet 1.

H. G. JONES.

PHOTOGRAPHIC CAMERA.

No. 300,477.

Patented June 17, 1884.

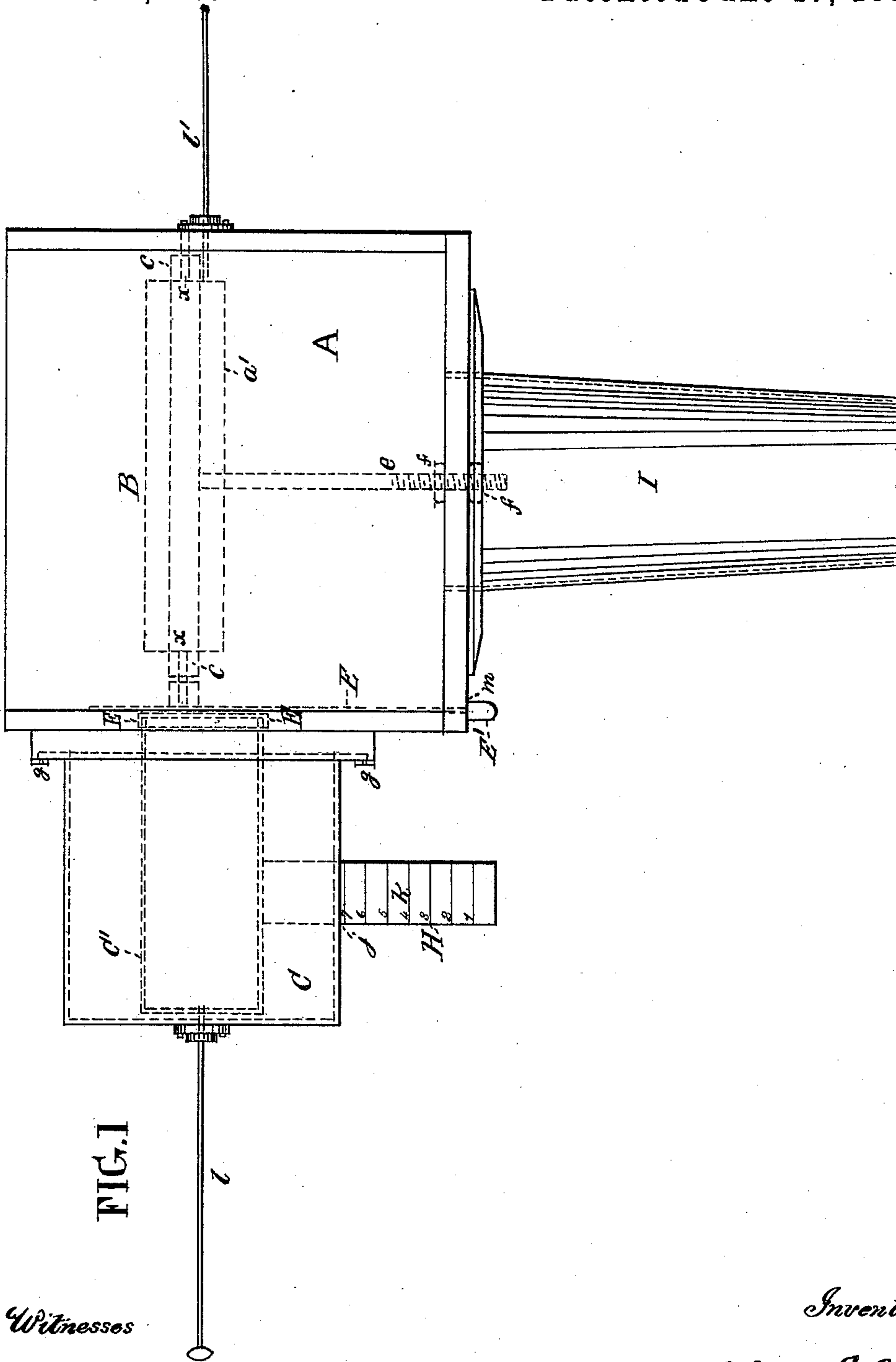


FIG. 1

Witnesses

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G. E. W. Bewley

Inventor.

Henry G. Jones.

for Stephen Ustick att^y

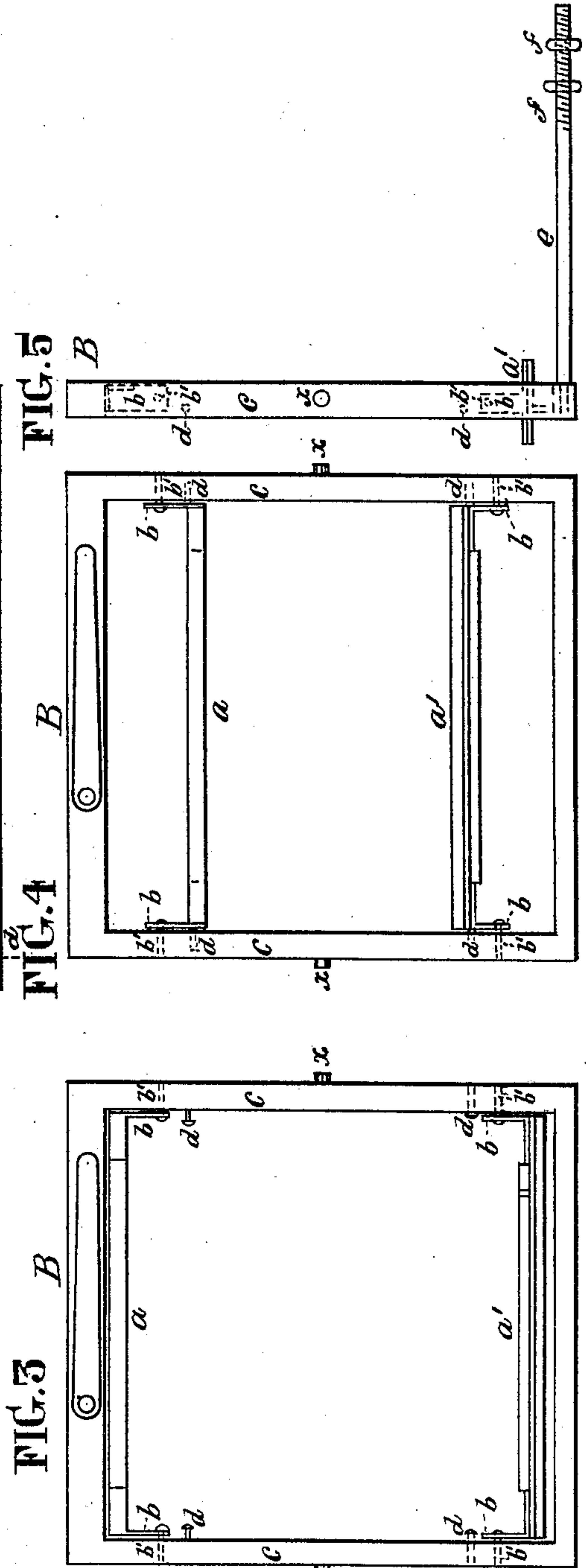
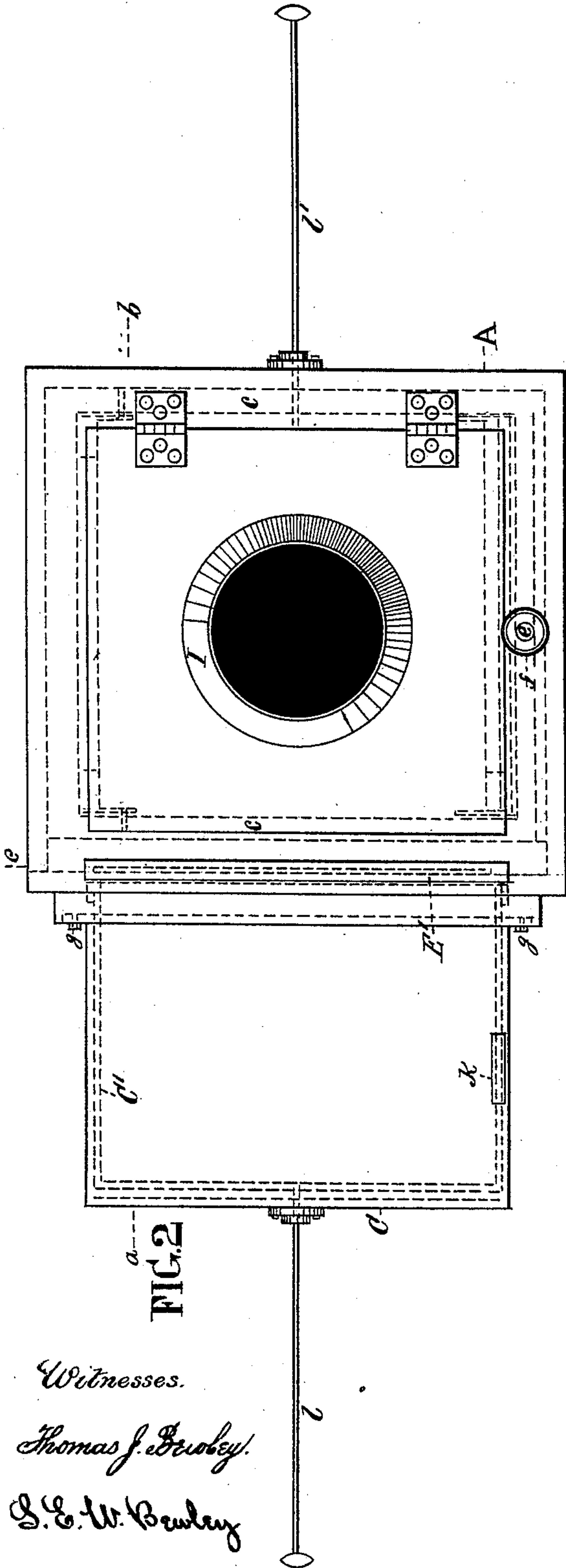
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Witnesses.
Thomas J. Brobey.
S. E. W. Bentley

Inventor
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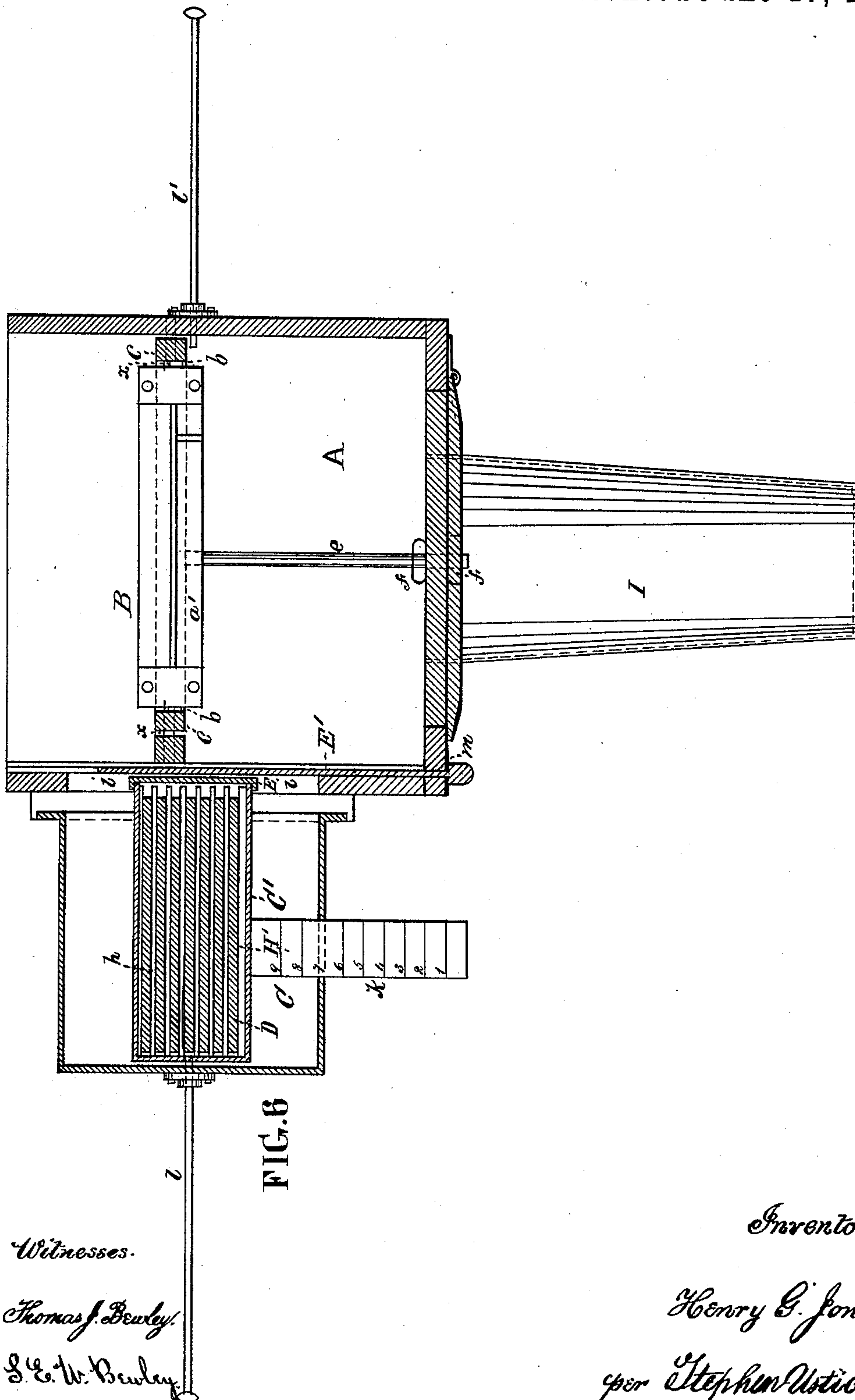
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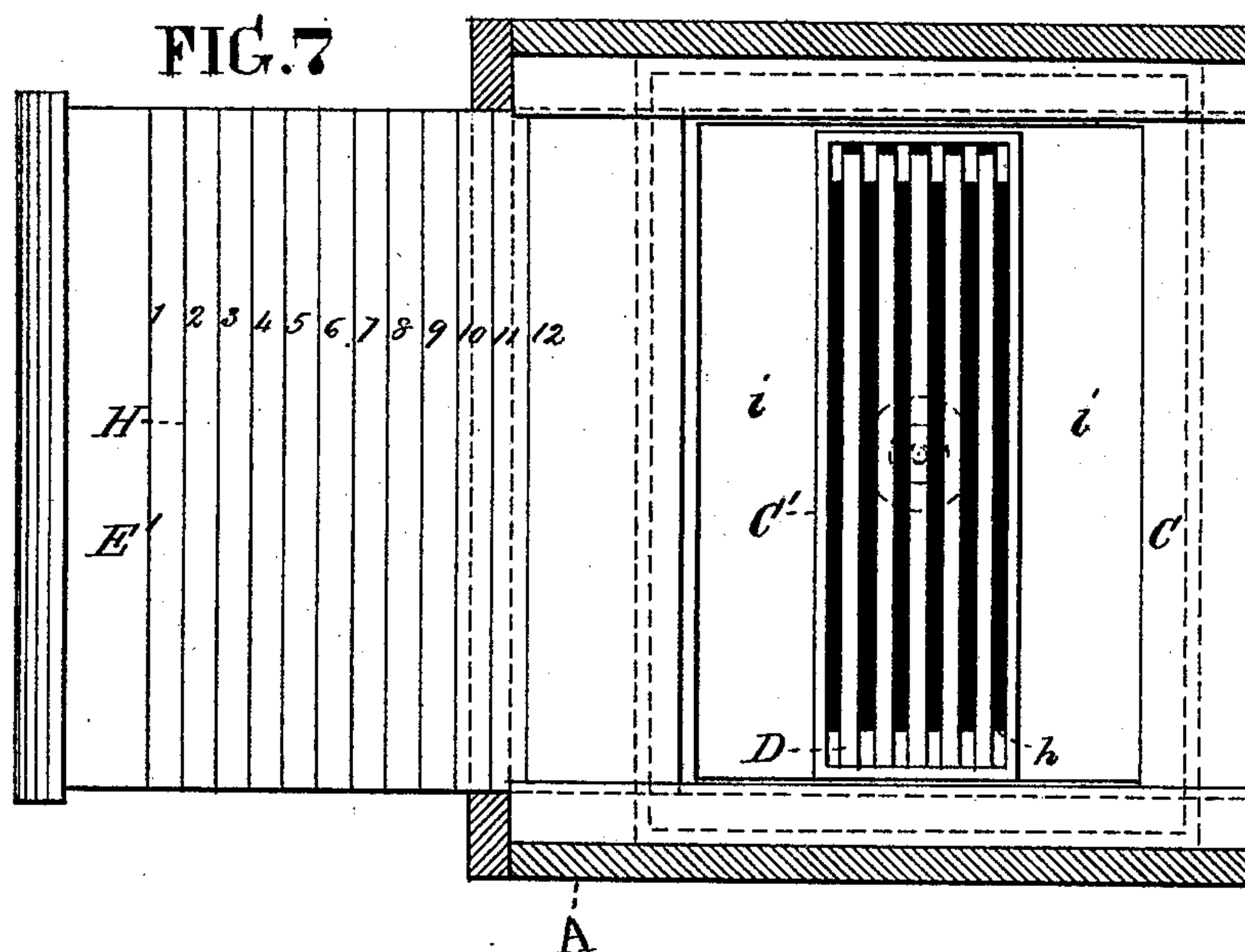
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Patented June 17, 1884.



Witnesses.

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UNITED STATES PATENT OFFICE.

HENRY G. JONES, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO HENRY S. KELLER, OF SAME PLACE.

PHOTOGRAPHIC CAMERA.

SPECIFICATION forming part of Letters Patent No. 300,477, dated June 17, 1884.

Application filed April 1, 1884. (No model.)

To all whom it may concern:

Be it known that I, HENRY G. JONES, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Photographic Cameras, of which the following is a specification.

My invention will be understood by the following description and the claims appended thereto.

In the accompanying drawings, which make a part of this specification, Figure 1 is a plan view of a camera-box having my improvements attached. Fig. 2 is a front elevation of the same. Fig. 3 is a front elevation of the plate-rest B. Fig. 4 is a like view of the same, with the guide-strips *a a'* in a different position from what they assume in Fig. 3. Fig. 5 is an edge view of the same. Fig. 6 is a horizontal section at the broken line *a b* of Fig. 2. Fig. 7 is a vertical section at the line *c d* of Fig. 2.

Like letters of reference in all the figures indicate the same parts.

A represents a camera-box with which my improvements are combined.

B is a plate-rest having strips *a* and *a'*, which are provided with arms *b*, that connect with the side strips, *c c*, by means of pivots *b'*, whereby said strips *a* and *a'* are adapted to be swung into their expanded position, as seen in Fig. 3, or their contracted position, as seen in Fig. 4, in adaptation to plates of different sizes, the strips in either case resting against pins *d*. The position of the plate-rest, either perpendicular or inclined, is adjusted by means of the screw-rod *e*, which passes through the rear frame of the camera-box, and is provided with regulating-nuts *f f*, the rest being connected with the box A by means of pivots *x*.

C is a case attached to one side of the camera-box A by means of buttons *g g*, or in any other convenient manner, to provide for being readily detached therefrom, the contiguous side of the box being open to make a free communication with the case. Within this case is the case C', for holding a number of

sensitized plates, D, there being grooves *h* in the inner surfaces of the upper and lower sides of the case for receiving the edges of the plates. The opening *i* of the box is equal in its dimensions to the inside of the case C to give ample room for the cover E on the mouth of the case C' when the case has to be removed. The outer case, C, is provided with a slot, *j*, in its rear side, in which the handle *k* of the case C' is adapted to slide. By means of this handle the case is caused to slide in the case C', to bring the sensitized plates D consecutively in range with the plate-rest B preparatory to placing them thereon. The plates are pushed forward into their connection with the plate-rest by means of the rod *l*, which passes through the outer side of the case C, and is permitted to slide therein, and they are returned to their position in the case C' by means of the rod *l'* in the opposite side of the camera-box.

E' is a slide, which is caused to slide in the slot *m* of the camera-box for closing the mouth of the case C gradually, as it covers the ends of the plates D consecutively after they are returned to the case C', and finally to cover the mouth of the case to shut out the light. It is also used in determining each sliding movement of the case to bring the plates consecutively accurately in range with the plate-rest B, there being a scale, H, on the surfaces of the slide and a corresponding scale, H', on the handle *k* of the case C', each movement of the slide being the distance of one mark of the scale, and the movement of the handle to a corresponding mark of its scale, and the divisions of the marks of the scale being equal to the divisions of the plates D in the case.

I is an elastic sleeve at the rear of the camera-box A, for passing the hand through for the adjustment of the plates D.

I claim as my invention—

1. The sliding plate E', having a scale, H, in combination with the camera-box A and sliding case C', provided with a handle, *k*, having a scale, H', for regulating the adjustment of the case C', substantially as described.

2. The plate-rest B, having pivots *x*, and adjusting screw-rod *e*, provided with nuts *f f*,

in combination with the camera-box A, for regulating the position of said rest, substantially as described.

3. The combination of the adjustable strips
5 *a* and *a'*, provided with arms *b*, with the side strips, *c c*, of the plate-rest B by means of pivots *b'* and pins *d*, for expanding or con-

tracting said strips to receive plates D of different sizes, substantially as described.

HENRY G. JONES.

Witnesses:

THOMAS J. BEWLEY,
STEPHEN USTICK.