

(No Model.)

3 Sheets—Sheet 1.

I. B. STONE.
ADVERTISING CABINET.

No. 377,414.

Patented Feb. 7, 1888.

Fig. 2—

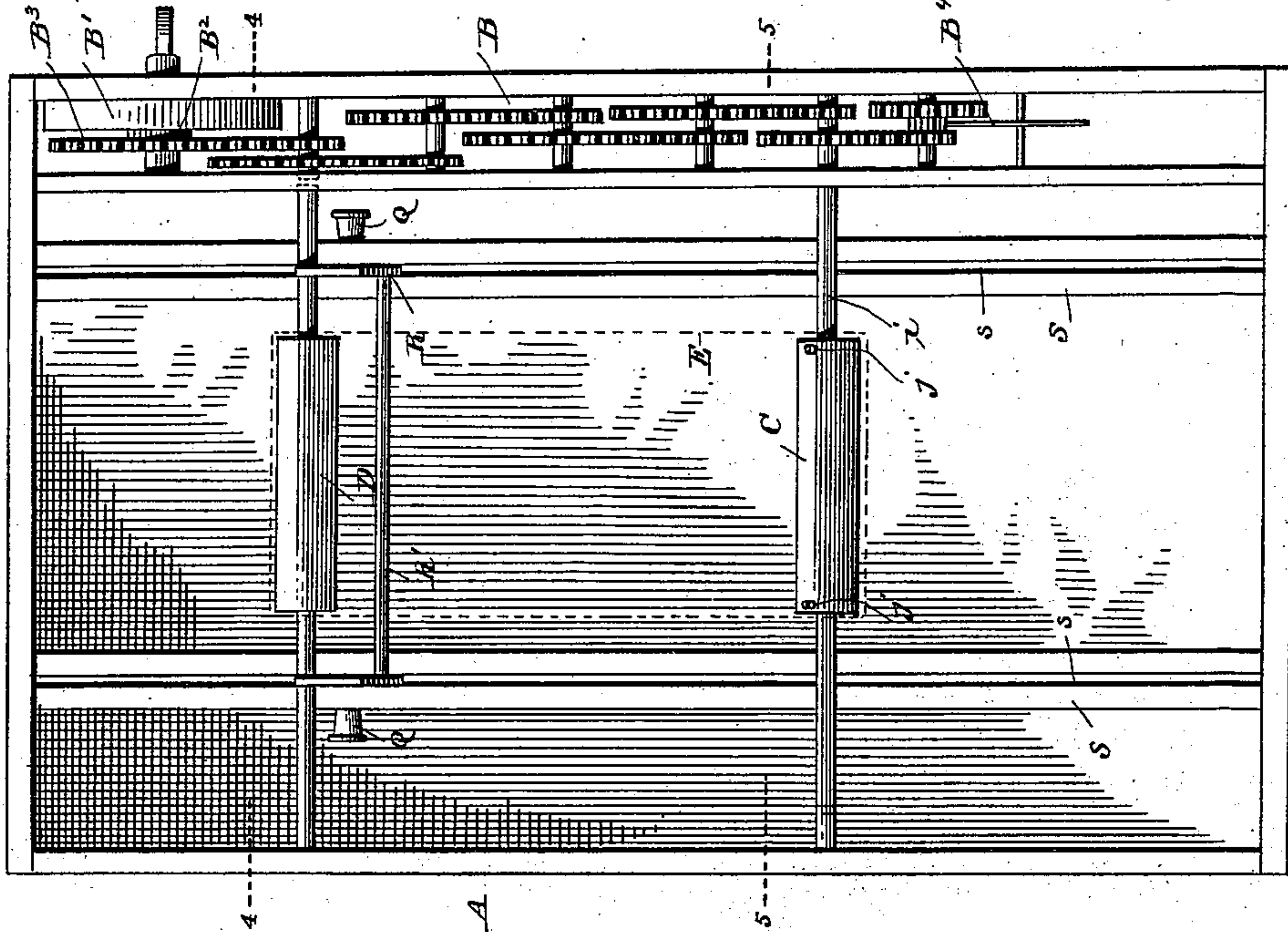
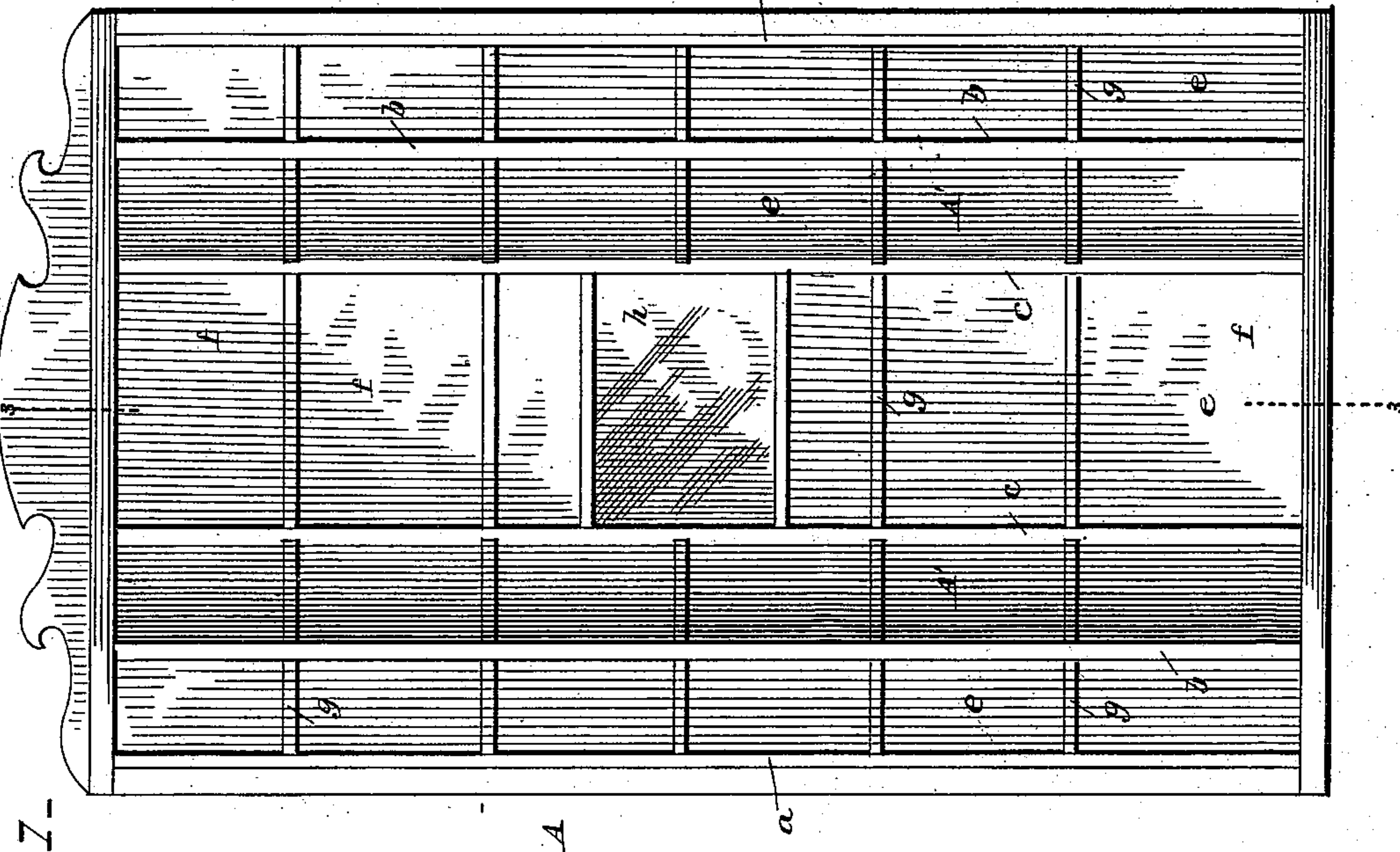


Fig. 1—



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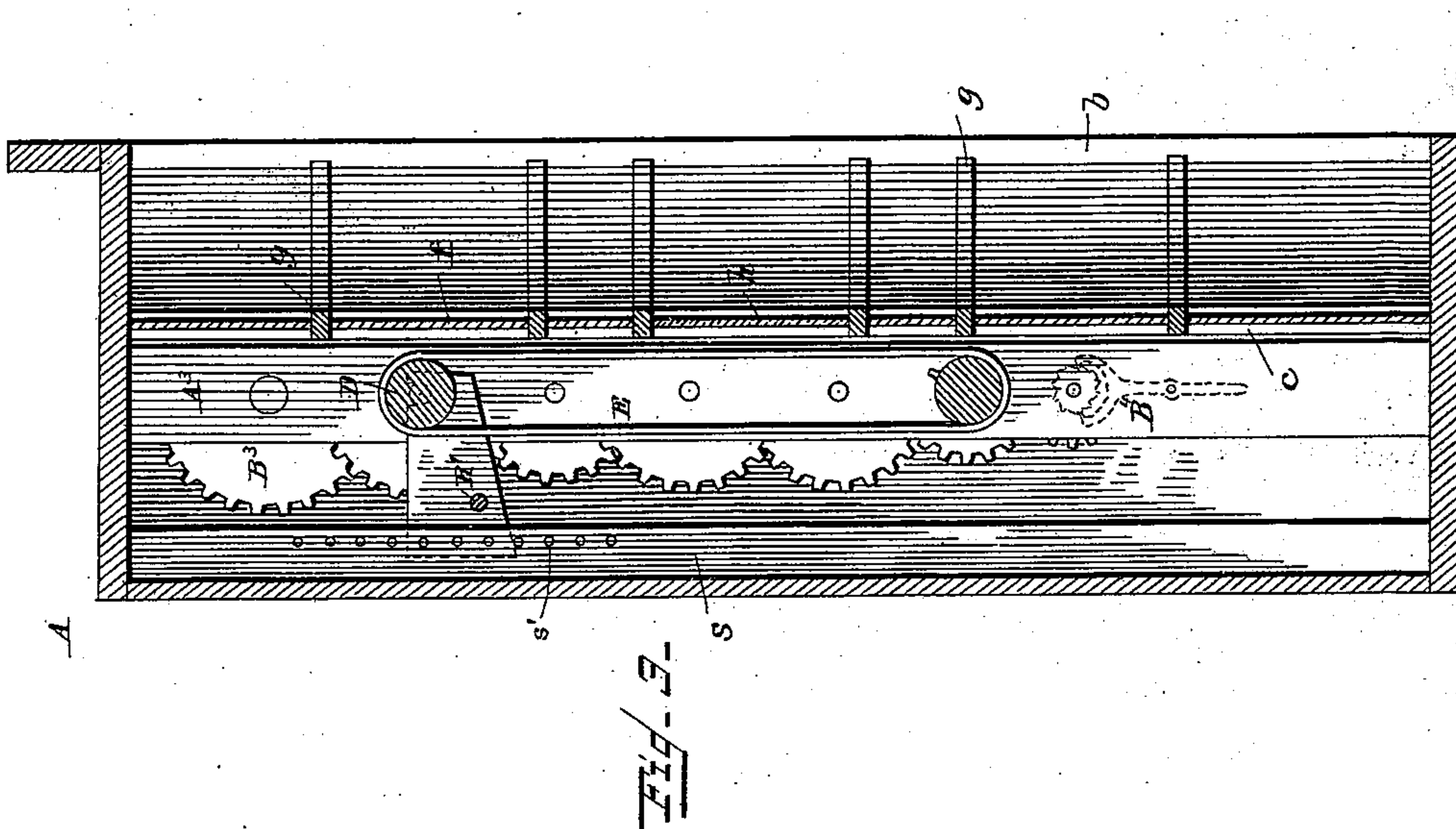
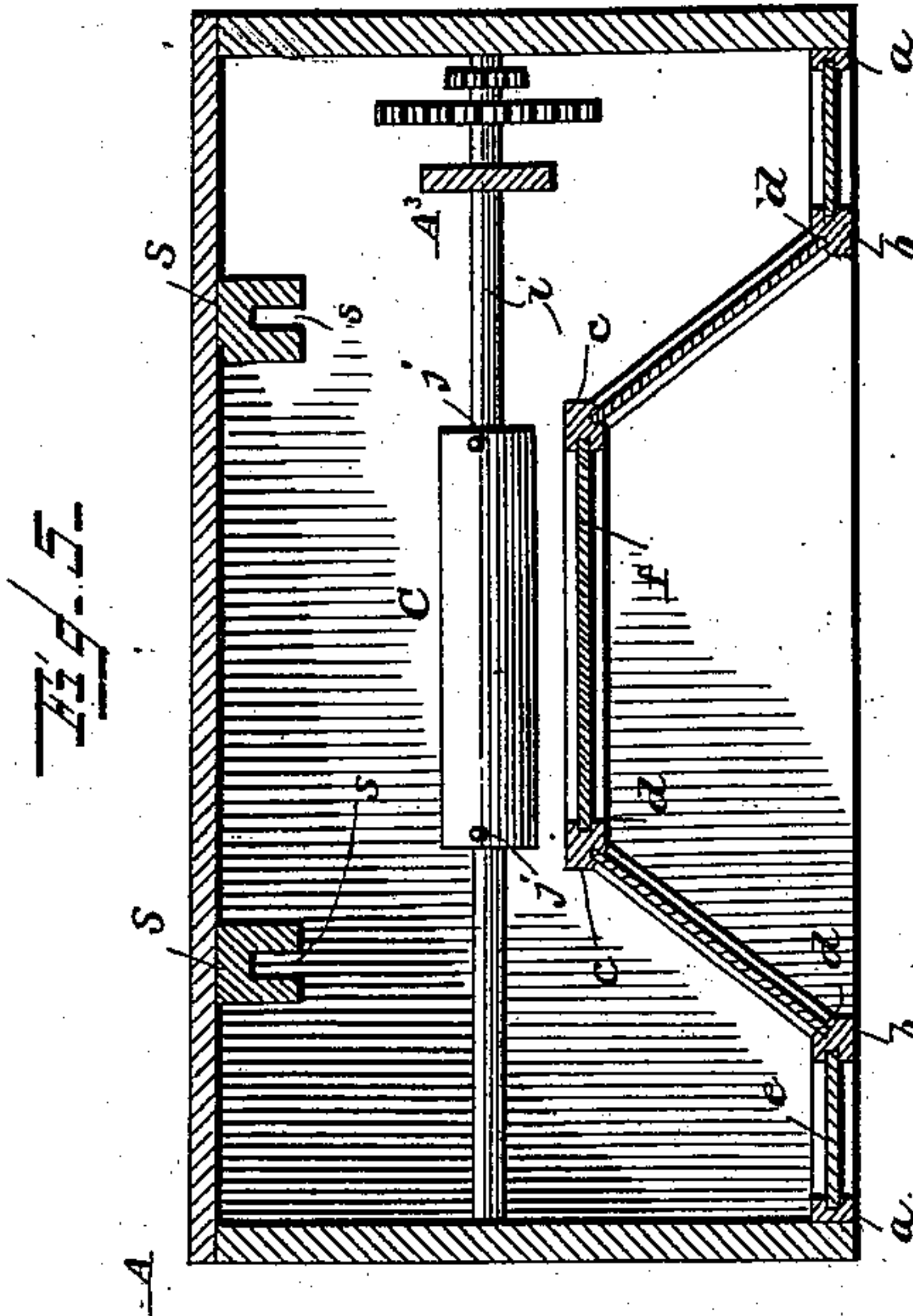
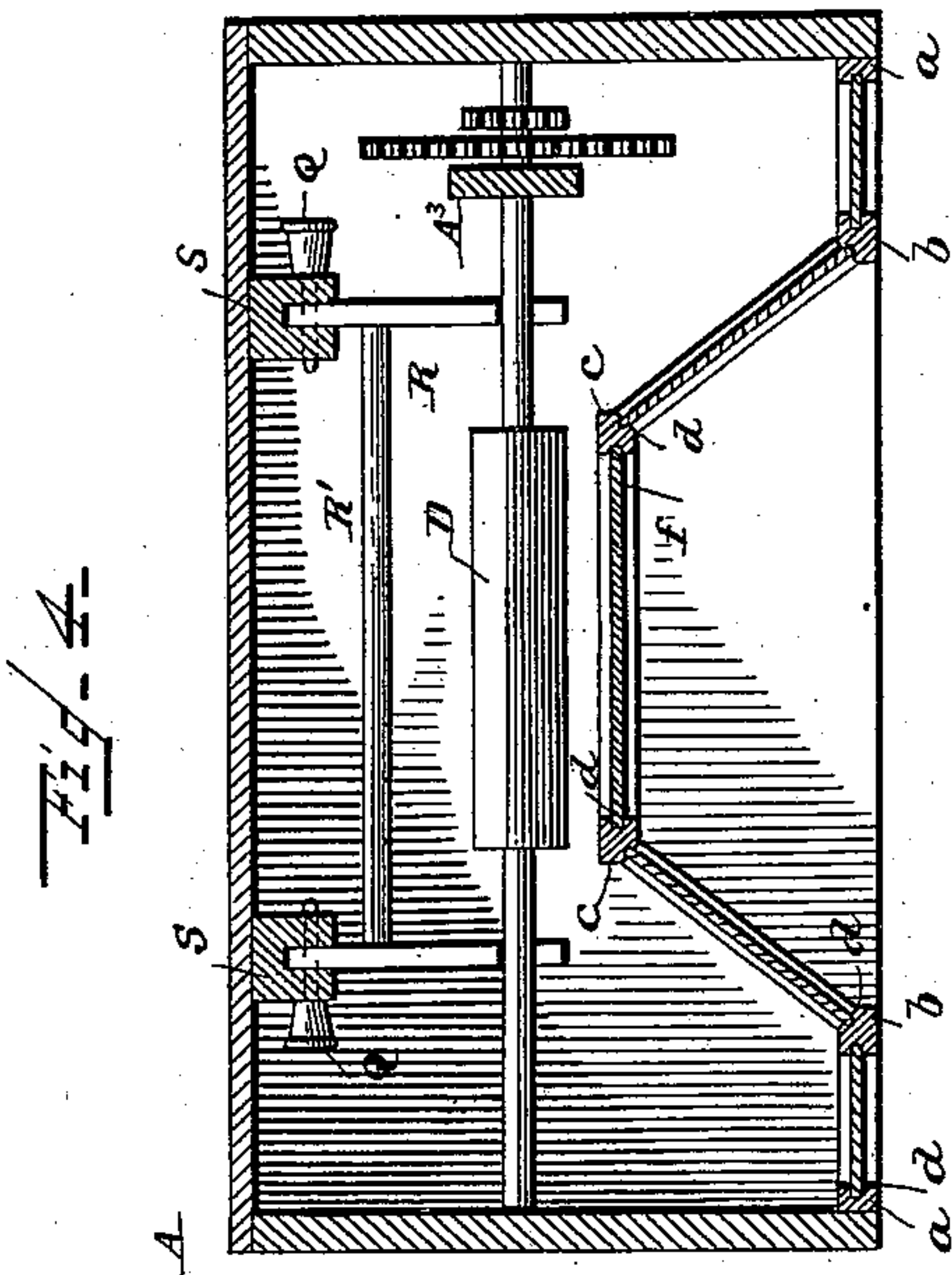
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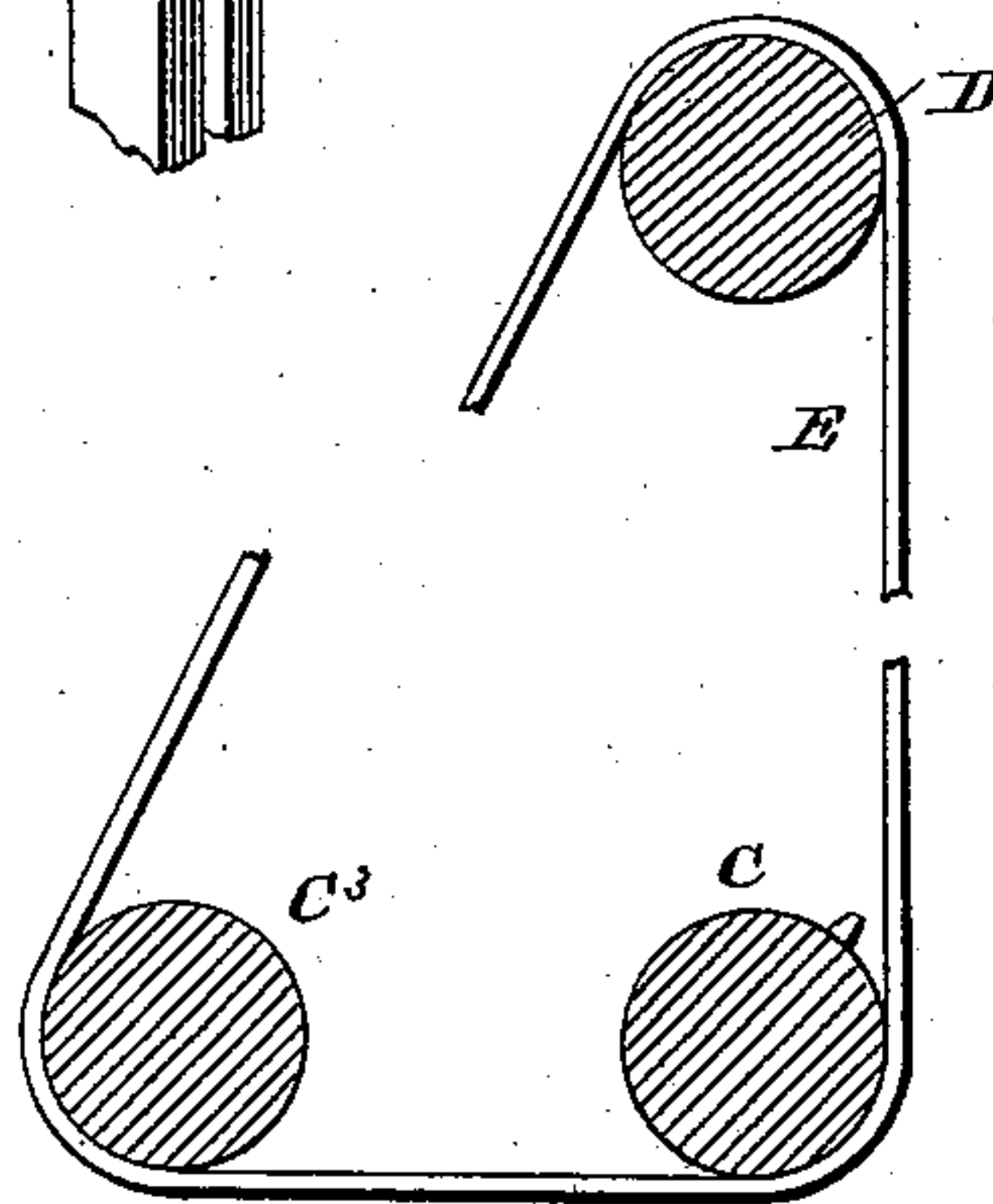
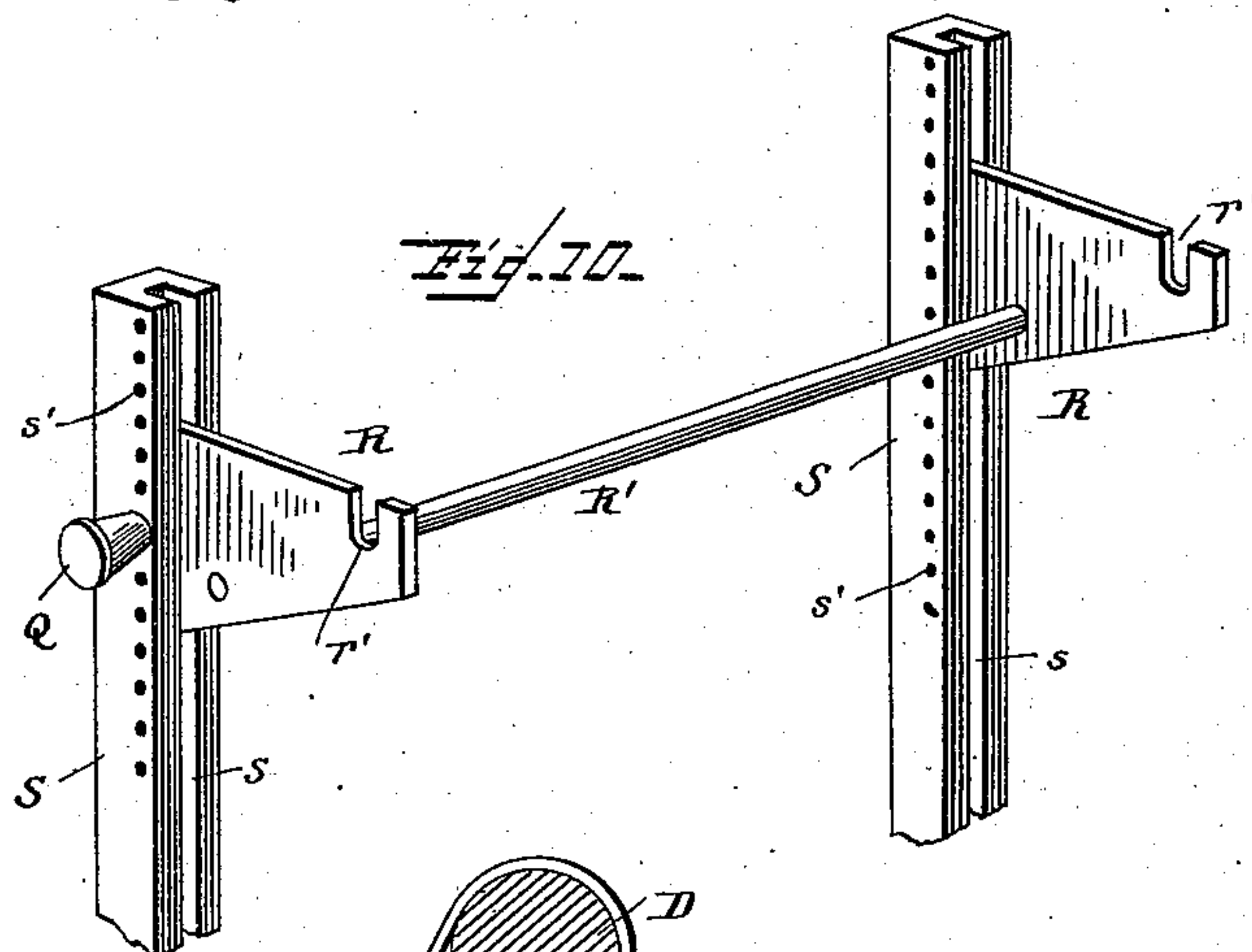
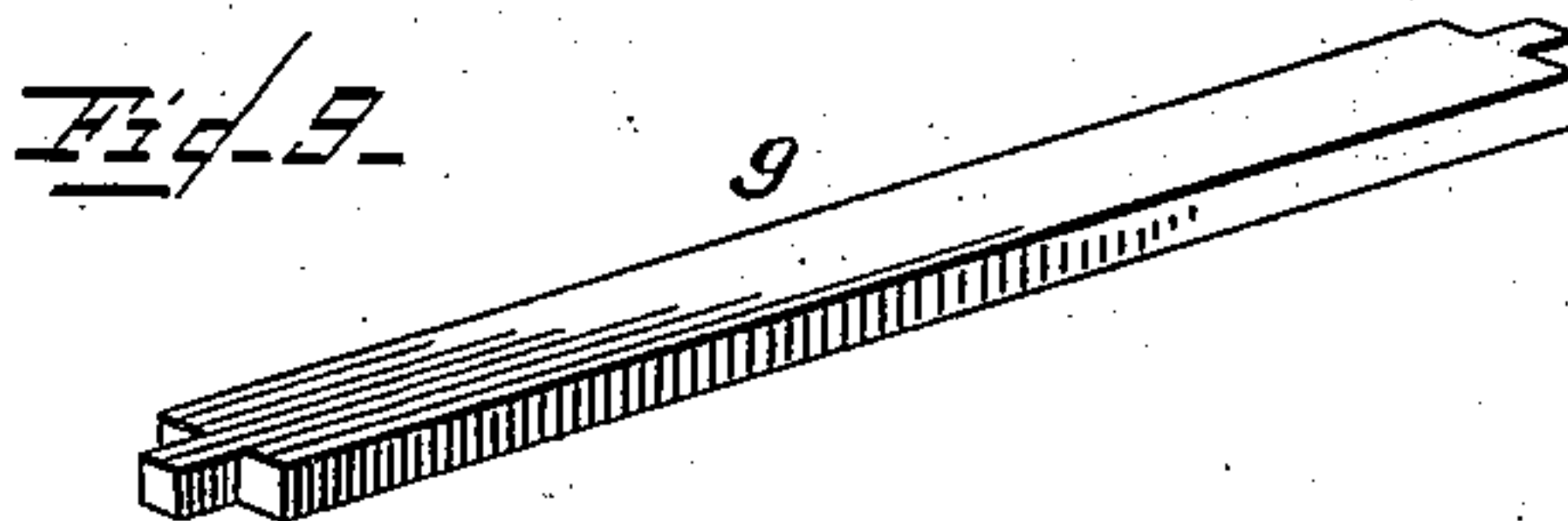
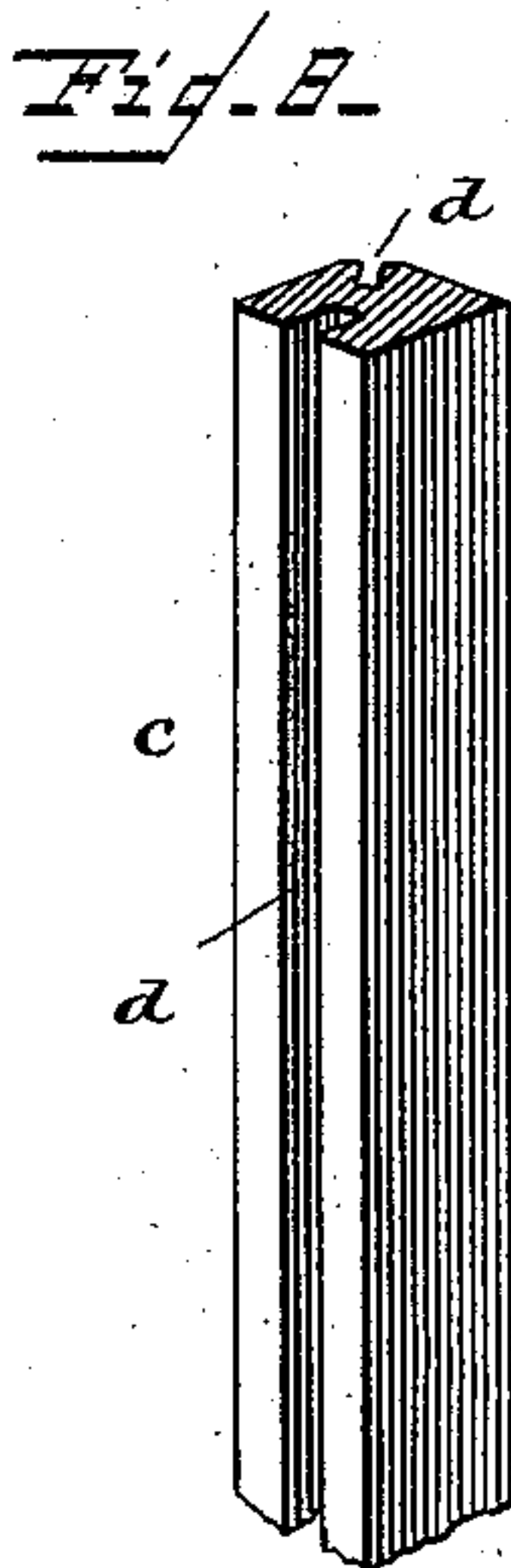
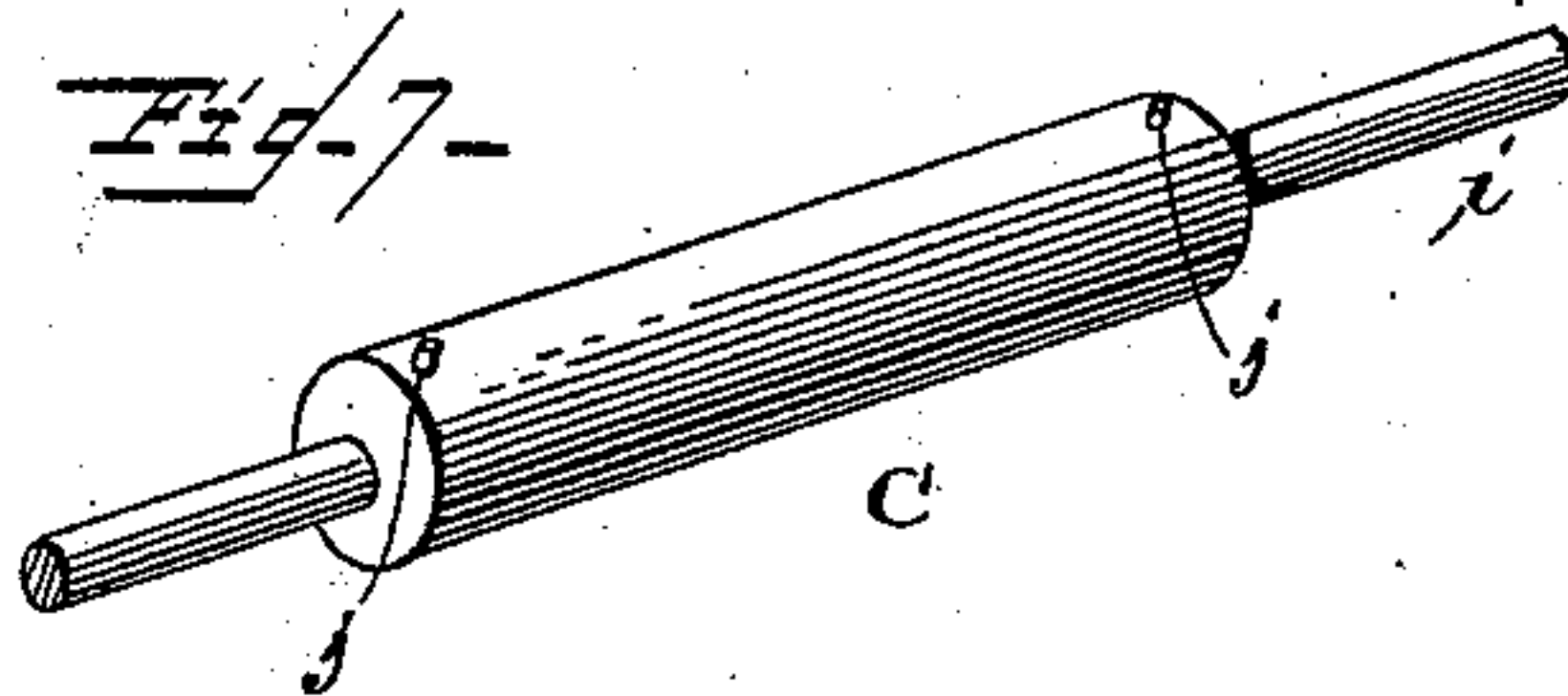
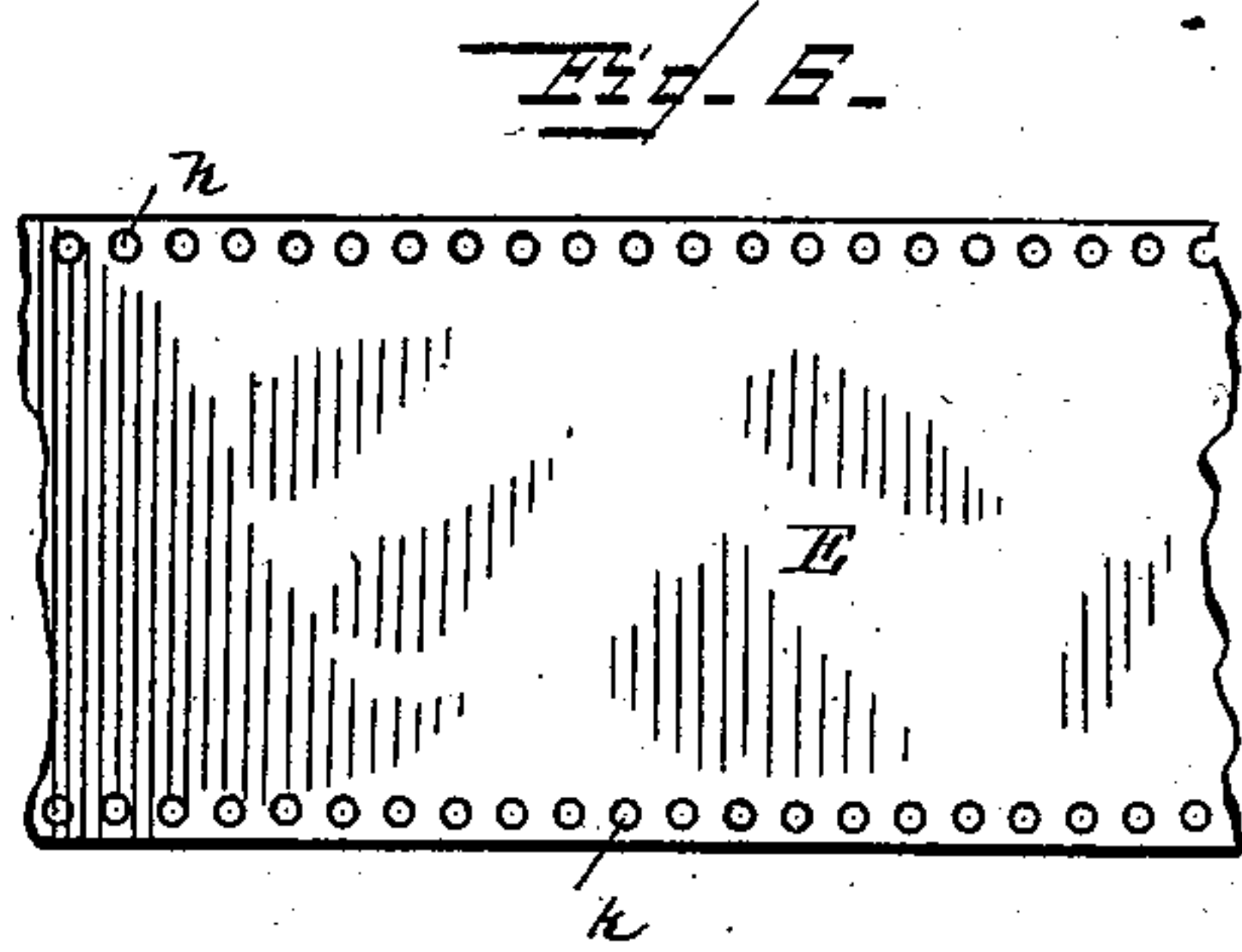
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WITNESSES

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UNITED STATES PATENT OFFICE.

ISAAC BRUCE STONE, OF SEFFNER, FLORIDA.

ADVERTISING-CABINET.

SPECIFICATION forming part of Letters Patent No. 377,414, dated February 7, 1888.

Application filed October 13, 1887. Serial No. 252,259. (No model.)

To all whom it may concern:

Be it known that I, ISAAC BRUCE STONE, a citizen of the United States, residing at Seffner, in the county of Hillsborough and State of Florida, have invented certain new and useful Improvements in Advertising-Cabinets; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to an improvement in advertising-cabinets of that class in which the front of the cabinet is provided with an aperture and the interior with mechanism for moving an endless belt or apron having advertisements painted thereon over or by said aperture, whereby the different advertisements on such belt or apron will be exposed to view at different intervals of time; and the object of the invention is to provide a simple and improved device of the class named which will possess advantages in point of general efficiency and inexpensiveness.

In the drawings hereto annexed and forming part of this specification, Figure 1 is a front elevation of my improved cabinet. Fig. 2 is a front elevation with the face entirely removed, showing the interior mechanism. Fig. 3 is a central vertical section on the line 3 3, Fig. 1, looking from the left. Fig. 4 is a horizontal section on the line 4 4 of Fig. 2. Fig. 5 is a similar section on the line 5 5 of Fig. 2. Fig. 6 is a detail view of a section of the apron. Fig. 7 is a detached perspective view of the operating-roller. Fig. 8 is an enlarged section of the vertical face-strips. Fig. 9 is a detail view of one of the horizontal face-strips. Fig. 10 is a detail of the brackets for the upper drum and the means for adjusting them vertically. Fig. 11 is a sectional view illustrating a modification.

Corresponding parts in the several figures are denoted by the same letters of reference.

Referring to the drawings, the letter A designates a cabinet of any desired size, preferably constructed of wood and adapted to be set upon the floor, a shelf, or a table or desk in any conspicuous place—such, for instance, as a hotel-office. The top, bottom, and sides of this cabinet are preferably constructed of

stained or painted wood, while the back may be of unfinished material. The front is composed of upright members *a*, *b*, and *c*, as shown in enlarged section in Fig. 8. The member *a* is secured with its flat face against the front edge of either side piece of the cabinet and the groove *d* opening toward the center. The member *b* is secured at either end to the top and bottom pieces of the cabinet, respectively, at some distance inside of and in line with either member *a*, as illustrated in Fig. 1, with its grooves *d* opening one opposite to the groove in the adjacent corner member *a*, and the other a little to the rear of a point opposite the first groove. The member *c* is likewise secured at either end to the top and bottom pieces of the cabinet, respectively, and is located at some distance inside the member *b*, but slightly in the rear of the plane of members *a* and *b*, as seen clearly in the sectional views Figs. 4 and 5, with its grooves *d* opening one opposite the groove in the adjacent member *b*, and the other opposite that in the corresponding member, *c*.

It will be understood that there are two of each of the members *a*, *b*, and *c*—one at either side of the vertical center of the cabinet—and that their grooves extend entirely from the bottom to the top thereof. I do not limit myself to the precise number of vertical members shown, however, as almost any number may be used, depending upon the desired width of the completed cabinet.

The visible face of the cabinet A is composed of equally-sized panels *e*, of tin, card-board, or other suitable material, and other equally-sized panels *f*, together with a section of a movable apron, hereinafter described. The panels *e* are of exactly a width of the distance between the bottoms of the grooves in the members *a* and *b* and *b* and *c*, whereas the panels *f* correspondingly fit in the grooves between the two members *c*. The front of the cabinet is built up of the panels *e* and *f* and interposed transverse strips *g* of wood, having reduced ends fitting said slots, all of which are passed into their respective grooves in the vertical members at the upper ends thereof, and rest normally upon the bottom piece of the cabinet and upon each other. In building up the central broader tier, *f*, of panels, a plate of glass,

h, is passed into the slot, and when in position occupies the central point of the face of the entire cabinet. It will thus be understood that the panels e occupy a position upon each flat front section at the sides, and also upon the inclined sections A' next inside thereof, while the panels f occupy a position vertically in the flat depressed central face of the cabinet, above and below the glass h. Upon any or all of these panels may be painted or printed advertisements, time-tables, directory-cards, landscapes, or other suitable or desirable matter, and the panels can be removed and replaced by others at will.

Within the cabinet A, along one vertical side thereof, and between such side and a vertical partition, A³, is disposed a clock mechanism, B, adapted to run at least eight days, and comprising the ordinary coiled spring B', ratchet B², and drive-gear B³, from which extends a train of gears, to the last or more remote of which is connected an escapement, B⁴, in the usual manner, the whole being driven by the spring B', adapted to be wound by a key in the ordinary manner. The shaft i of the minute-gear of said train extends entirely across the interior of the cabinet A, and mounted thereupon, in line with the panels f but behind them, is a cylinder, C, having two spurs, j, upon its circumference projecting therefrom near each end, said spurs being in alignment with each other. Directly above and in line with the drum C is a smooth drum, D, journaled in suitable supports, hereinafter described, which are vertically adjustable, for a purpose hereinafter set forth, neither said drum D nor its shaft having any connection whatever with the spring mechanism. Passing over and around these drums C and D is an apron, E, which has a longitudinal row of holes, k, at either edge adapted to engage the pins or spurs j on the drum C, and which apron may be adjusted longer or shorter, when desired, by sewing in sections thereof or removing the same, the smooth drum D being adjusted to take up the slack. Upon the outer or exposed face of the apron E are painted a number of advertisements, each corresponding in length upon the apron with the height of the glass-covered opening in the center of the cabinet. By the engagement of the pins j with the holes k, the drum C, turning completely around once in every minute, will move the apron E one space once every thirty seconds.

Within the cabinet A, and against the rear face thereof, near each side, are secured vertical strips S, having slots s in their faces, and transverse holes s', passing entirely through the strips and slots. Sliding vertically in each of these slots is a bracket, R, provided with a hole, r, near its rear vertical edge, through which hole and the holes s' a pin, Q, may be passed for supporting the bracket at any de-

sired height. The two brackets R are connected by a transverse rod, R', secured at either end to one of said brackets in any suitable manner. The brackets R are provided with notches r' in their upper edges near their forward ends, within which notches the shaft of the drum D rests and has its bearing. By this means said roller may be adjusted as desired for lengthening or shortening the apron.

In the modification illustrated in Fig. 11 an extra roller is shown in rear of roller C, which relieves the apron from passing entirely around said roller C, this construction being preferable under some circumstances. This extra roller C³ may be mounted in brackets in a manner similar to the roller or drum D.

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

1. The advertising-cabinet herein described, the same comprising an ordinary top, bottom, back, and sides, and a front composed of vertical longitudinal strips slotted in their adjacent faces, and removable advertising-panels passed into the upper ends of and built up within said slots from the bottom, all of said panels in each longitudinal row being in one vertical plane.

2. The advertising-cabinet herein described, the same comprising an ordinary top, bottom, back, and sides, and a front composed of vertical longitudinal strips slotted in their adjacent faces, removable advertising-panels passed into the upper ends of and built up within said slots from the bottom, all of said panels in each longitudinal row being in one vertical plane, and transverse strips having reduced ends fitting said slots, said strips being interposed transversely between the adjacent upper and lower ends of each vertical pair of panels and forming a horizontal raised bead between them, as and for the purpose set forth.

3. The advertising-cabinet herein described, the same comprising a plain top, bottom, back, and sides, and a front composed of vertical longitudinal corner-strips a, interior vertical longitudinal strips, b, in a transverse line therewith, inner vertical longitudinal strips, c, back of the plane of said strips a and b, all of said strips being longitudinally slotted on their adjacent faces, the panels e, fitted between said strips a and b and b and c, the panels f, fitted between said strips c, and the glass h, also fitted and inserted between said strips c, said panels and glass being removably inserted in said slots from the top and built up from the bottom, as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

ISAAC BRUCE STONE.

Witnesses:

R. B. THOMAS,
W. A. GIVENS.