

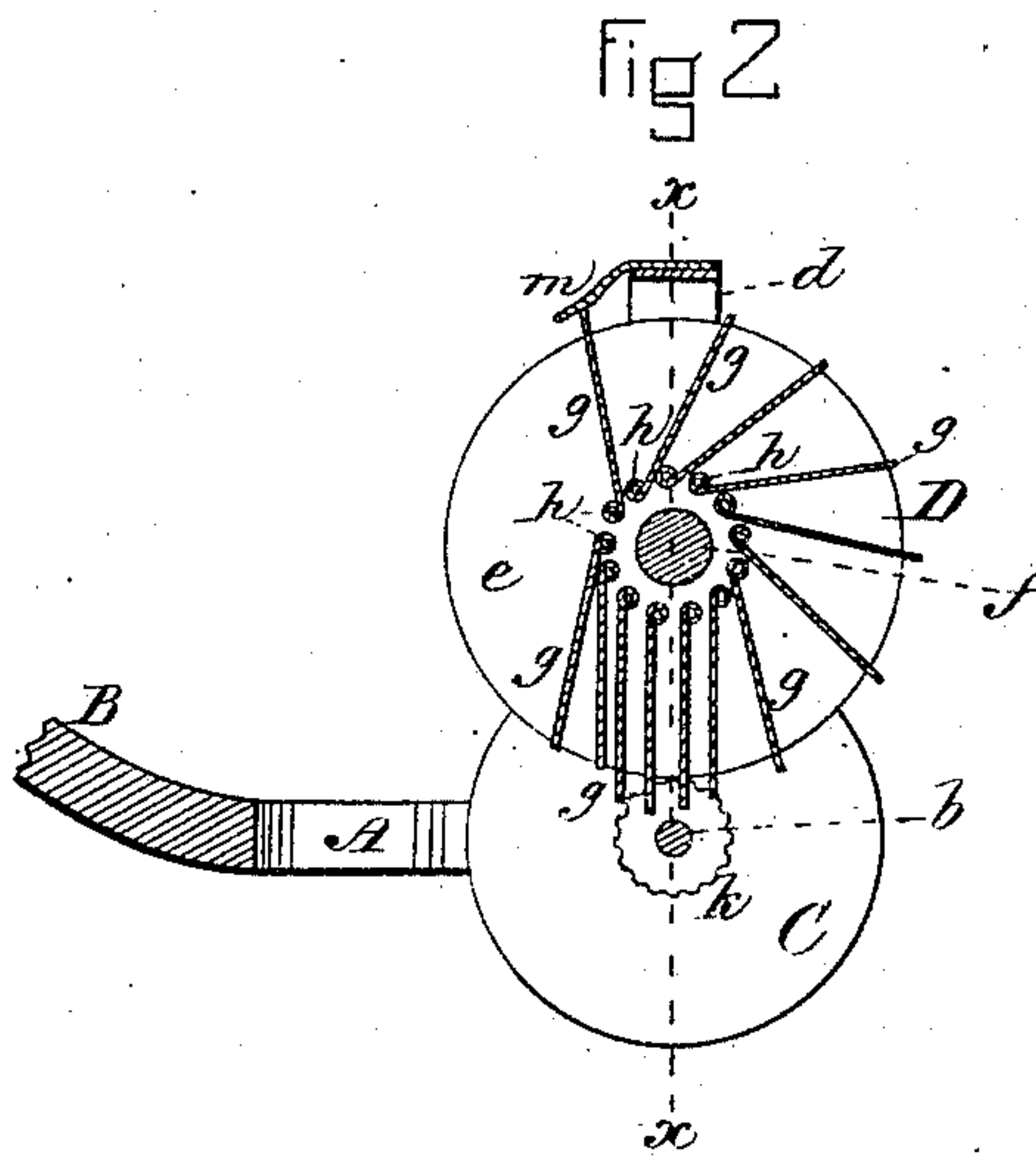
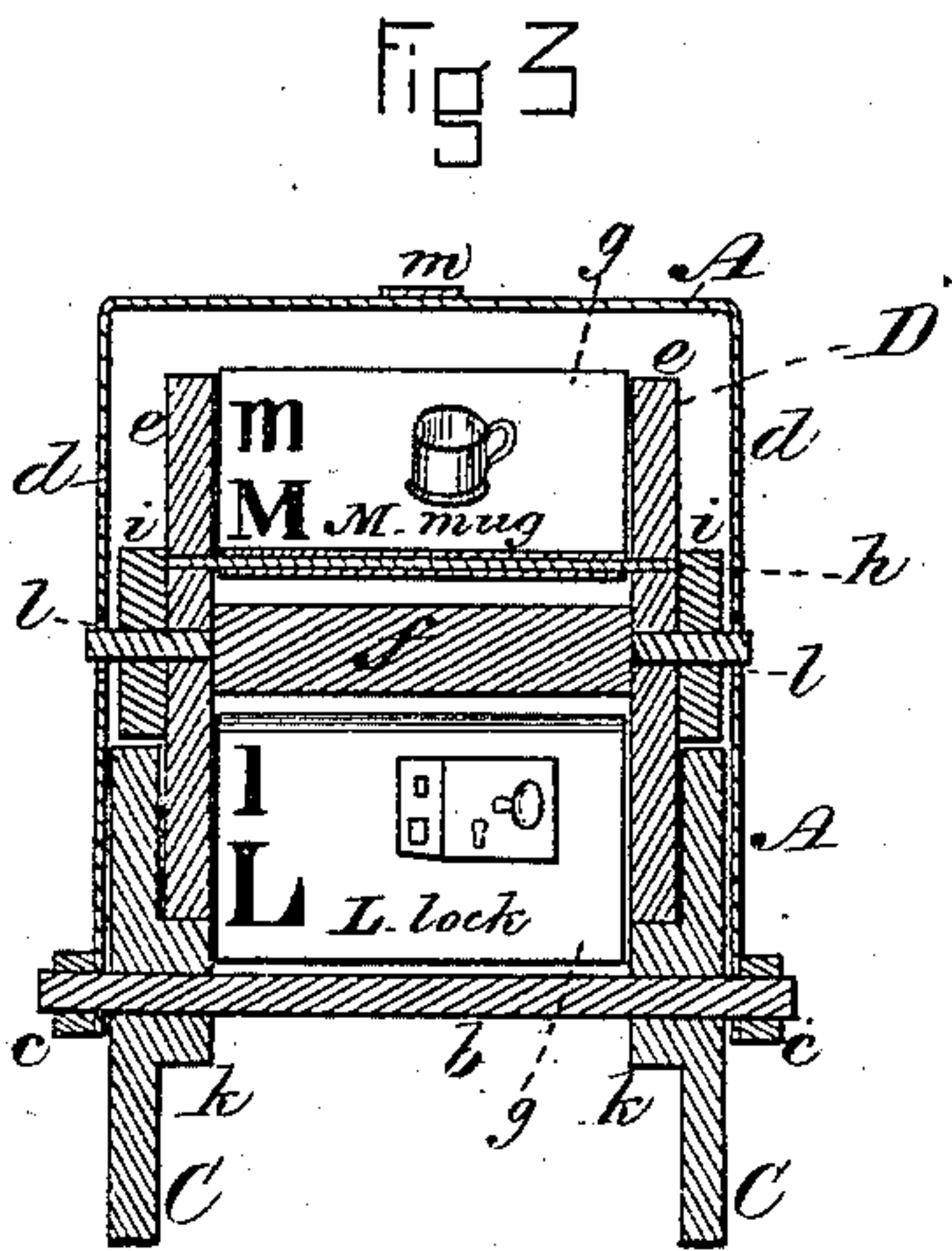
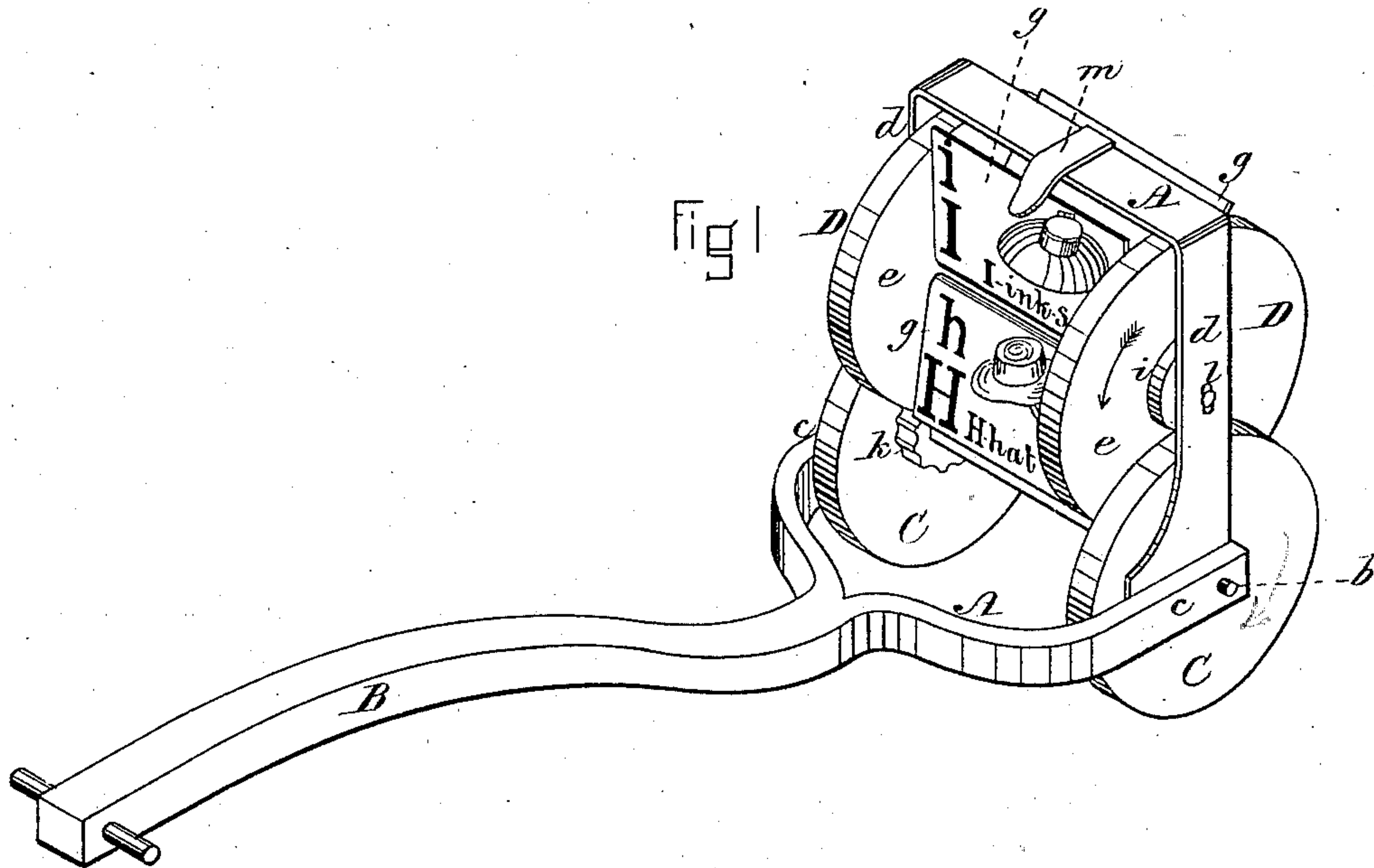
(No Model.)

J. G. WEBB.

TOY.

No. 311,215.

Patented Jan. 27, 1885.



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TOY.

SPECIFICATION forming part of Letters Patent No. 311,215, dated January 27, 1885.

Application filed August 11, 1884. (No model.)

To all whom it may concern:

Be it known that I, JESSE G. WEBB, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Toys, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

10 Figure 1 is a perspective view of my improved toy. Fig. 2 is a longitudinal vertical section through the center of the same. Fig. 3 is a transverse vertical section on the line *x x* of Fig. 2.

15 My invention relates to that class of toys which are designed to be wheeled or trundled, and has for its object to combine instruction with amusement.

20 To this end my invention consists in a trundling-frame provided with a handle, and having mounted therein a rotating carrier, within which are pivoted a series of leaves bearing the letters of the alphabet, pictures, designs, or other instructive or amusing matter, the
25 said leaves being successively raised into view and dropped down out of the way as the carrier is revolved by trundling or wheeling the toy along the ground or floor, as hereinafter more particularly set forth.

30 In the said drawings, A represents the body or frame of the toy, which is provided with a handle, B, and is supported on two trundling or ground wheels, C C, mounted on an axle, *b*, the ends of which pass through the portions
35 *c c* of the frame A. This frame A, as well as the handle B, may be formed of wood, wire, or other suitable material.

40 Between the uprights *d d* of the frame A is mounted a rotating carrier, D, composed of a pair of disks, *e e*, connected by a central shaft or axle, *f*, and between these disks are pivoted around and in close proximity with the shaft
45 *f* a series of leaves, *g*, preferably composed of sheet metal, and having on one or both surfaces letters of the alphabet, pictures, designs, &c., or any desired matter calculated to instruct or amuse children. Where the leaves
50 are composed of sheet metal, the letters or designs are printed on paper or cloth and afterward affixed thereto; but if the leaves are

formed of pasteboard or wood, the letters or designs may be printed directly thereon. The pins *h*, on which the leaves are pivoted, are confined in place by means of disks or collars
55 *i*, secured upon the outside of the disks *e* over their ends, as seen in Figs. 1 and 3. The peripheries of the disks *e e* rest upon small rough-ened hubs or disks *k k*, secured to the inner
60 surfaces of the ground-wheels C C, whereby the carrier is revolved as the toy is trundled, the journals of the carrier resting in slots *l* in the uprights *d*, whereby the carrier is caused
65 at all times to rest with its entire weight on the hubs or disks *k*, sufficient friction being thus produced to cause the carrier D to be rotated, as desired, the direction of rotation be-
70 ing such as to enable the letters, pictures, &c., on the leaves *g* to be seen plainly as they are brought around by the carrier. I do not confine myself, however, to this method of rotat-
75 ing the carrier D, as it may be revolved by a band or bands, or connected in any other suitable manner with the ground-wheels or their axle. When the toy is pushed or trundled
80 along the ground by means of the handle B, the carrier D is rotated in the direction of the arrow toward the child who is pushing the toy, and, as it is revolved, each one of the leaves
85 *g* is raised in succession into a vertical position to bring the letter or picture on one face into plain view, where it is held for a short time
90 by contact with a light spring, *m*, secured to the top of the frame. As soon, however, as the leaf has been carried out of contact with the spring *m*, it falls over by its own weight, as
95 seen on the left-hand side of Fig. 1, thereby presenting to view the letter, picture, &c., on its opposite face, and at the same time disclosing the letter, picture, &c., on the next leaf, which was previously concealed by the first
100 leaf. I prefer to employ the spring *m*, as it serves to retain the leaves in an upright position for an increased length of time; but this spring may be dispensed with, if desired. It will be seen that each leaf *g* rests on the base
of the one immediately beneath it as it is being raised, by which construction the leaves are held in their proper positions as the carrier is being rotated.

The letters, pictures, or other matter on the

surfaces of all of the leaves are thus brought into view successively and continuously as the toy is wheeled along the ground, causing the child to become familiarized therewith, and affording instruction as well as amusement.

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

1. In a toy, a rotating carrier mounted in a frame, and provided with a series of pivoted leaves bearing letters, pictures, or designs, and adapted to be successively raised into view and dropped down out of the way as the carrier is revolved, substantially as set forth.

2. In a toy, the combination, with a trundling-frame having a handle, of a rotating carrier mounted in said frame, and provided with a series of pivoted leaves bearing letters, pictures, or designs, and adapted to be successively raised into view and dropped down out of the way as the carrier is revolved, substantially as set forth.

3. In a toy, the combination, with a trundling-frame, A, supported on wheels C, and provided with a handle, B, of the carrier D, mounted in said frame, and provided with a series of leaves, *g*, pivoted between the disks *e e*, and bearing letters, pictures, or designs, and means for transmitting the motion of the wheels C to the carrier D, substantially as described.

4. In a toy, the combination, with the frame A and the rotating carrier D, provided with a series of pivoted leaves, *g*, of the spring *m*, operating substantially in the manner and for the purpose set forth.

Witness my hand this 8th day of August, A. D. 1884.

JESSE G. WEBB.

In presence of—

P. E. TESCHEMACHER,
W. J. CAMBRIDGE.