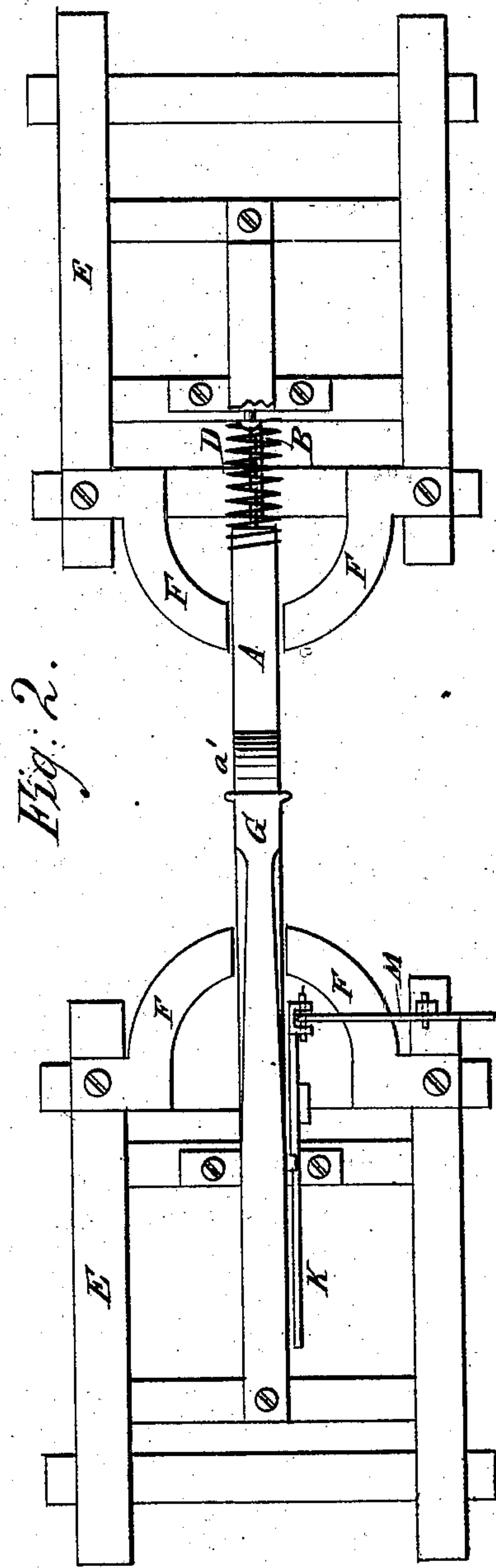
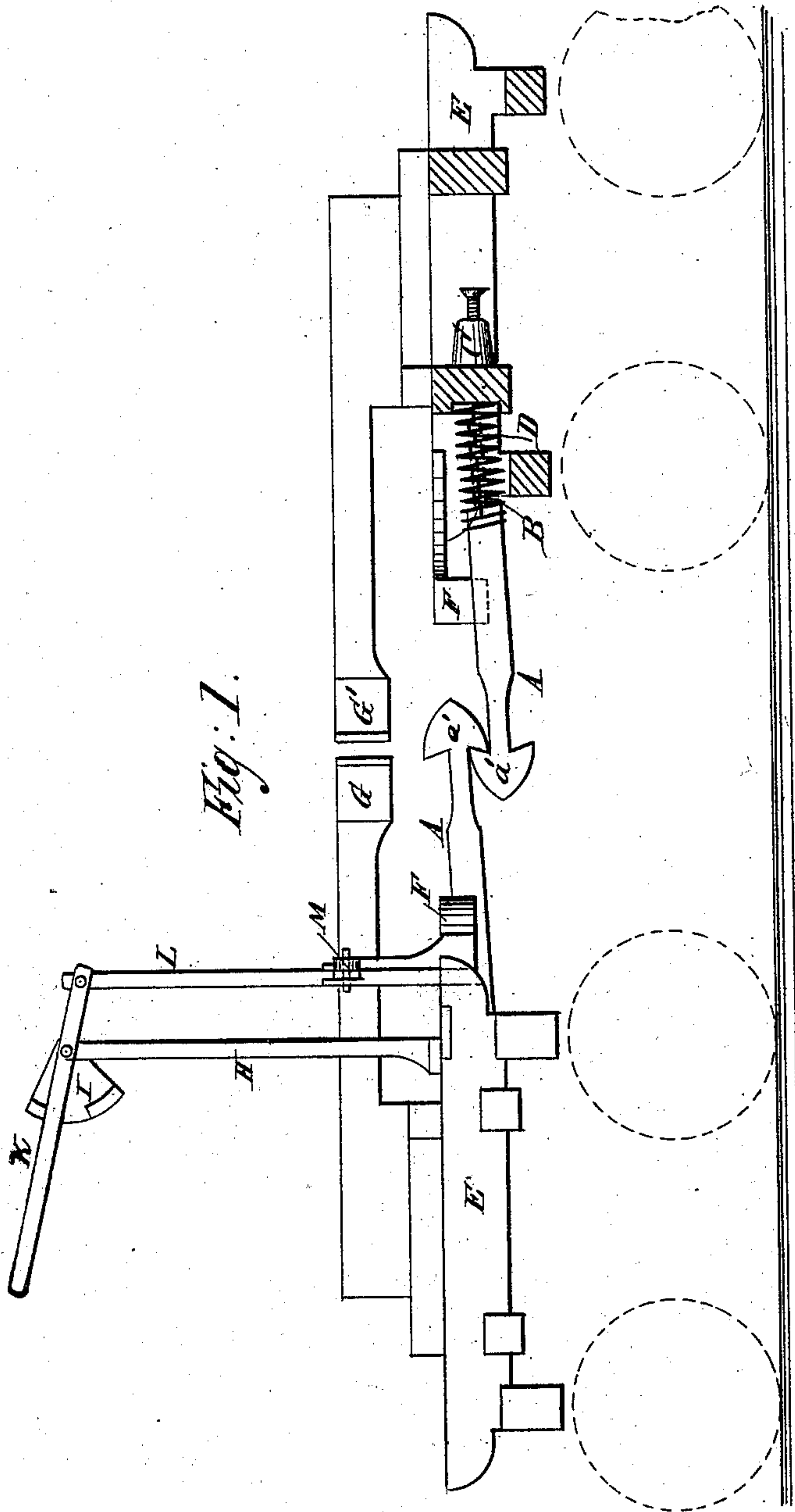


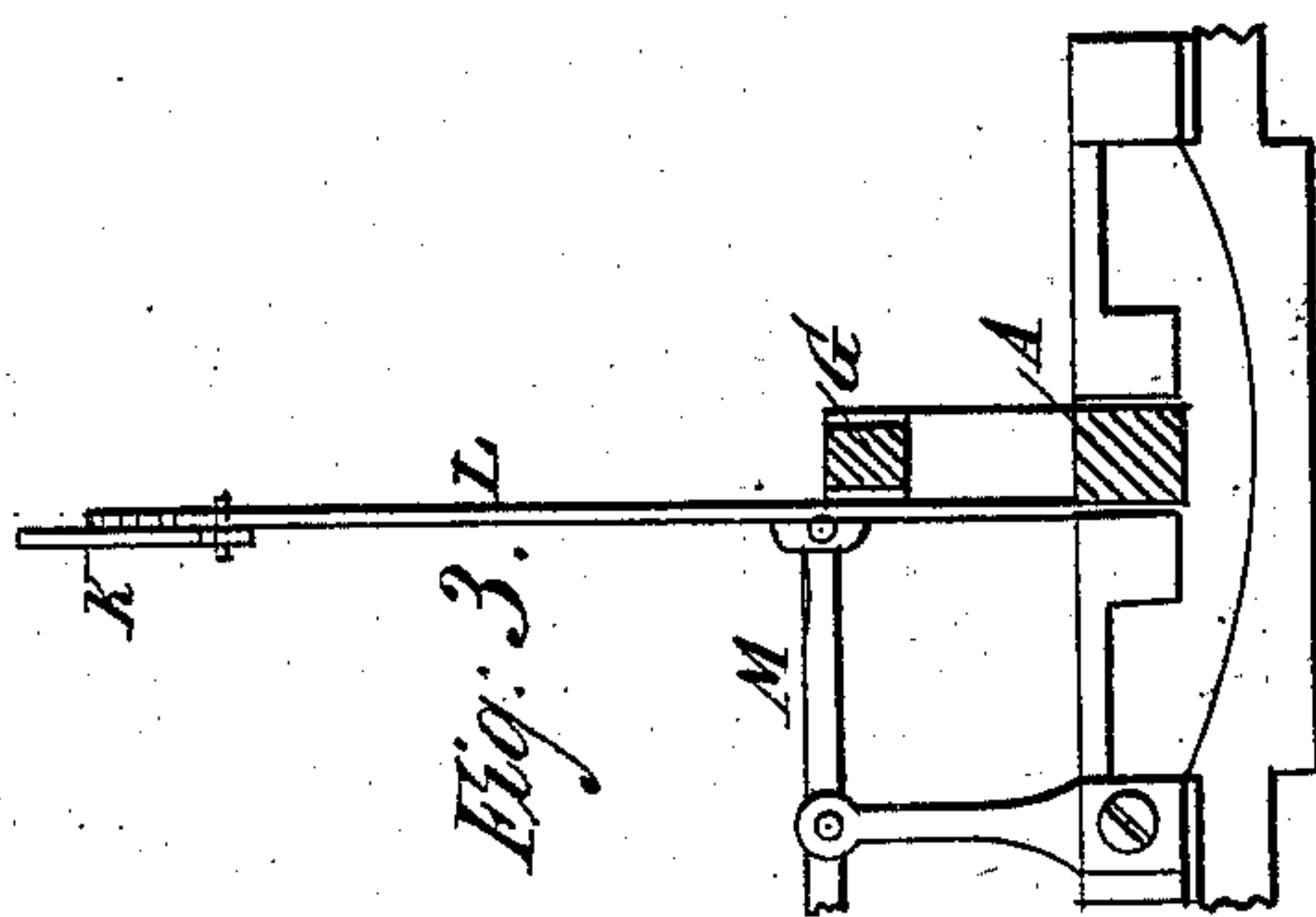
A. S. PECK.
Car-Coupling.

No. 224,721.

Patented Feb. 17, 1880.



WITNESSES:
A. Schehl.
C. Sedgwick



INVENTOR:
A. S. Peck
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ATTORNEYS.

UNITED STATES PATENT OFFICE.

ALEXANDER S. PECK, OF FARMINGDALE, ILLINOIS.

CAR-COUPLING.

SPECIFICATION forming part of Letters Patent No. 224,721, dated February 17, 1880.

Application filed August 26, 1879.

To all whom it may concern:

Be it known that I, ALEXANDER S. PECK, of Farmingdale, in the county of Sangamon and State of Illinois, have invented a new and Improved Car-Coupler, of which the following is a specification.

Figure 1 is a side elevation of the device partly in section. Fig. 2 is a plan of the same with part broken away. Fig. 3 is a sectional front elevation of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide a device by which cars may be coupled without the assistance of the brakeman, and uncoupled from the side, top, or platform of the car with perfect ease and safety, as hereinafter described.

In the drawings, A represents the coupling-pins, provided with arrow-shaped heads *a' a'*, whose interlocking faces are beveled or inwardly sloped, so that when coupled and drawing they cannot slip apart and be uncoupled while the cars keep the track.

B represents the chain connecting the coupler with the draw-bar C, and D is the spiral spring surrounding the chain and one end of the coupler-shank, and having one end socketed in the draw-head.

E is the truck-frame, provided with projecting quadrants F, that, placed on either side of the coupler, prevent its excessive lateral motion. G represents the buffers on the car.

H is a standard, carrying a toothed quadrant, I, at its upper end, and having pivoted there a lever, K, whose handle may be adjusted and secured in the teeth, and from whose other end depends the rod L, the lower end of which is pinned to the coupler, so that by means of the lever the coupler can be raised and uncoupled from the opposite one.

A lever, M, projecting laterally, is also connected with the rod, so that the operator may uncouple the cars from the ground.

The simplicity, effectiveness, and cheapness of this device must recommend it to all conversant with such matters.

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

The combination of the arrow-head coupler A, the chain B, draw-bar C, spiral spring D, and the truck-frame provided with projecting quadrants F, as shown and described.

ALEXANDER S. PECK.

Witnesses:

THENIA M. V. PECK,
JAS. B. SMITH.