

Toy Spring-Guns.

No. 133,930.

Patented Dec. 17, 1872.

Fig: 1.

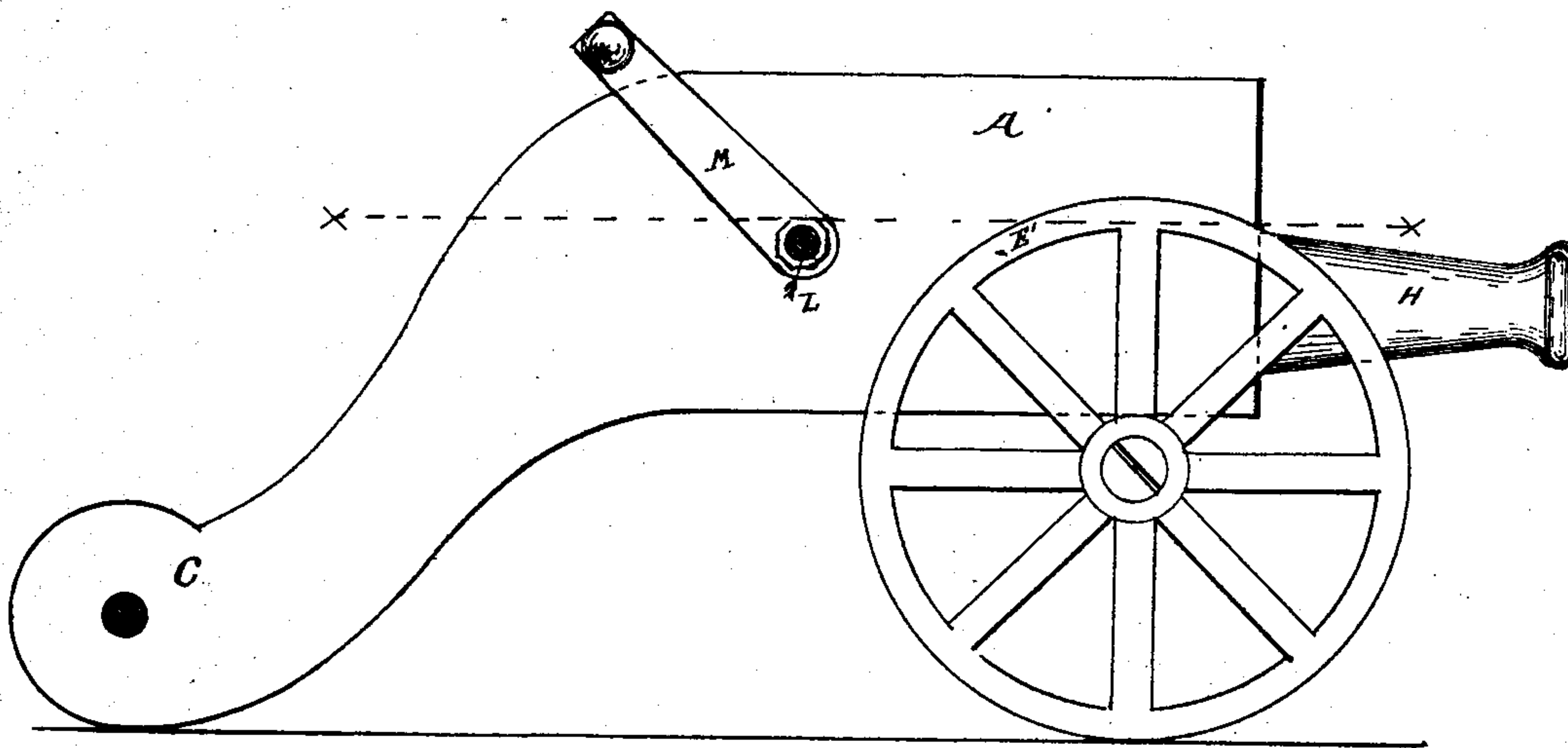
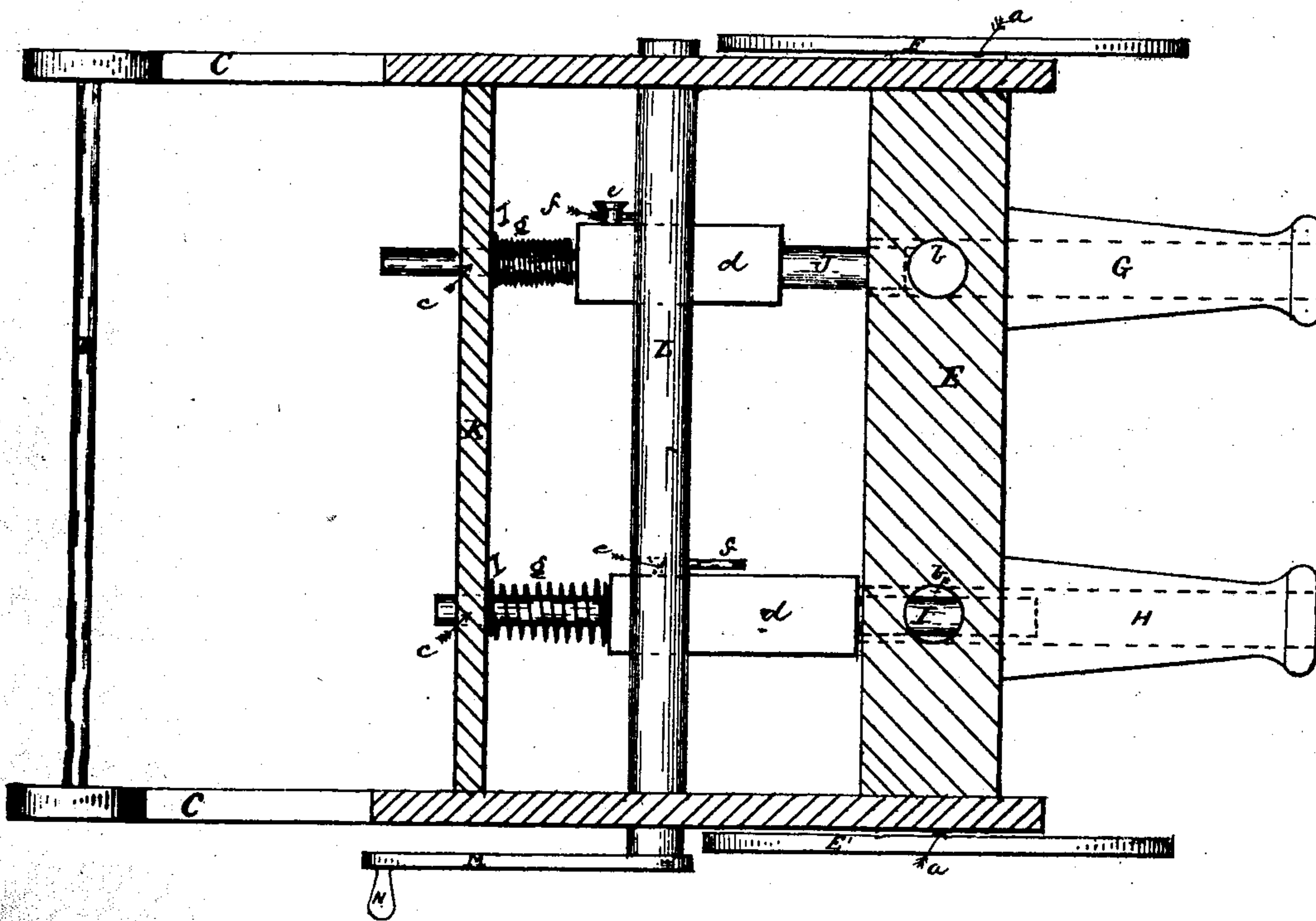


Fig. II.



WITNESSES:

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IMPROVEMENT IN TOY SPRING-GUNS.

Specification forming part of Letters Patent No. 133,930, dated December 17, 1872.

To all whom it may concern:

Be it known that I, MARTIN FERRANT, of the city of Minneapolis, county of Hennepin, State of Minnesota, have invented a certain Improvement in Toy Mitrailleses or Repeating-Guns for Children, of which the following is a specification:

The object of my invention is to construct and manufacture toy mitrailleses or repeating toy guns for children, which will shoot small bullets, pease, beans, &c., out of the barrels with great rapidity, said toy guns being simple and cheap to manufacture and not liable to get out of order.

In order to describe my invention more fully, I will refer to the accompanying drawing forming part of this specification.

Figure I is a side view of my invention. Fig. II is a plan sectional view cut through line *x x*, Fig. I.

A is a frame, constructed of wood or iron, or partially of wood or iron, but by preference made of cast-iron, to which the upper cover B is cast in one piece. C C are two legs, on which the frame A rests. D is a connecting-rod, which supports said legs. To the end piece E are fastened two projectors or axles, *a a*, to which the wheels E' and F are applied, in order to move the toy on a table. One, two, or more gun-barrels, G and H, are introduced into the end piece E. The openings for loading the same barrels with the small bullets or imitations thereof are inside the piece E, and the holes *b b* made through this piece serve as reservoirs for said bullets. Piston-rods I and

J are introduced into the breeches of the gun-barrels G and H, the other end of said rods resting in holes *c c* in the front piece K of the frame A. Said rods are flattened in the centers *d d*, and pins *e e* are introduced in the sides of the same. An axle, L, is placed above said rods and pins *e e*, in which axle two other pins, *f f*, are introduced at opposite angles. A crank, M, and handle N give motion to this axle. Two spiral springs, *g g*, are placed around the end of the rods I and J, resting against the washers *h h* and the flat pieces *d d*, and serve to give the rods a forward, quick movement, when the pins on the axle and on the rods release each other.

The operation is simply this: Place some half a dozen pease, for instance, in each hole *b b*, turn the crank M, and a continuous discharge of bullets will take place from the gun-barrels G and H.

Having thus fully described my invention, I desire to claim—

A toy mitrailleuse constructed of the frame A with the legs C C, connecting-rod D, axles *a a*, and wheels E' and F, in combination with the gun-barrels G and H, piece E, holes *b b*, piston-rods I and J, holes *c c*, front piece K, pins *e e*, axle L, pins *f f*, crank M, and spiral spring *g g*, substantially as and for the purpose hereinbefore set forth.

MARTIN FERRANT.

Witnesses:

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