

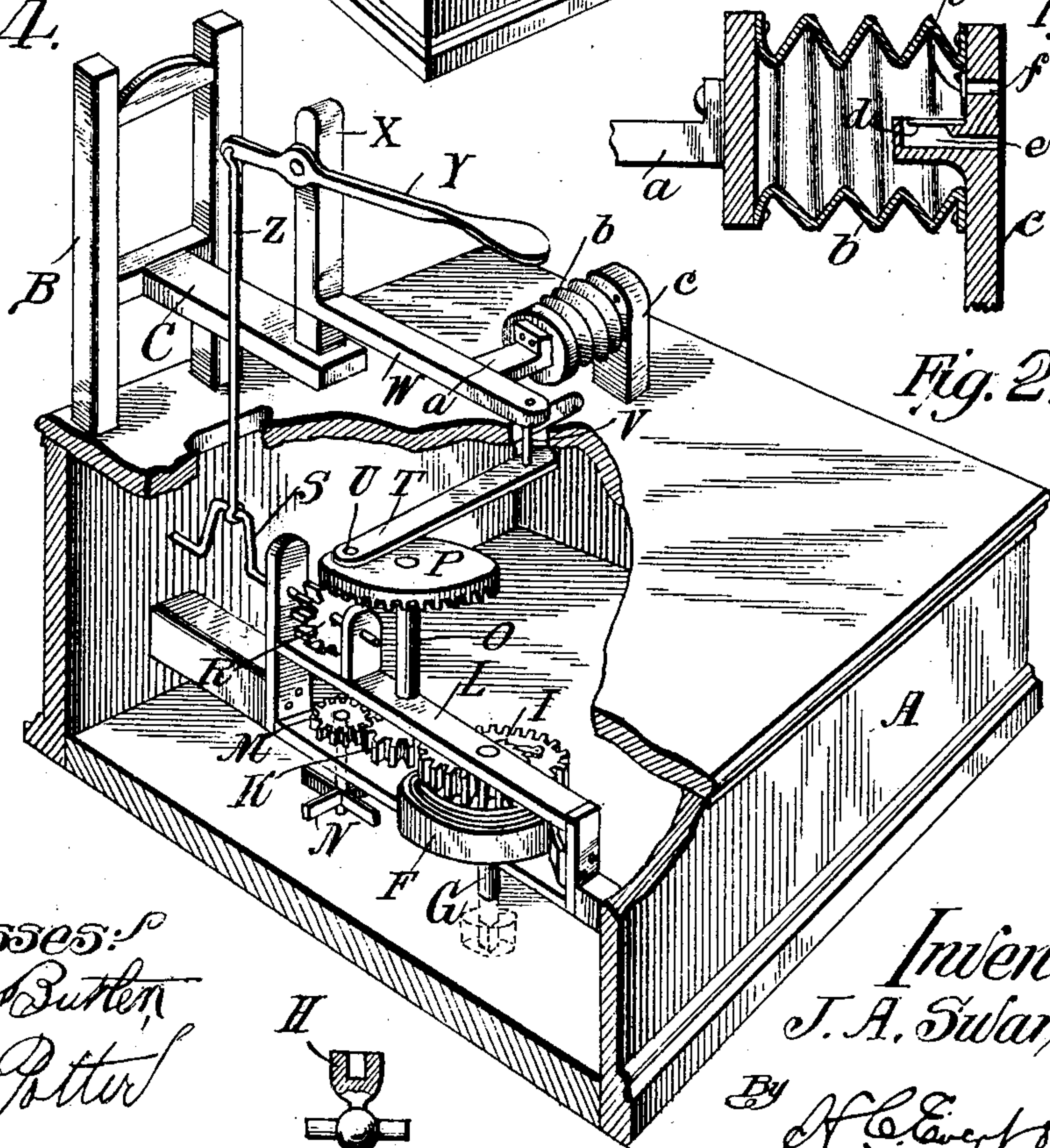
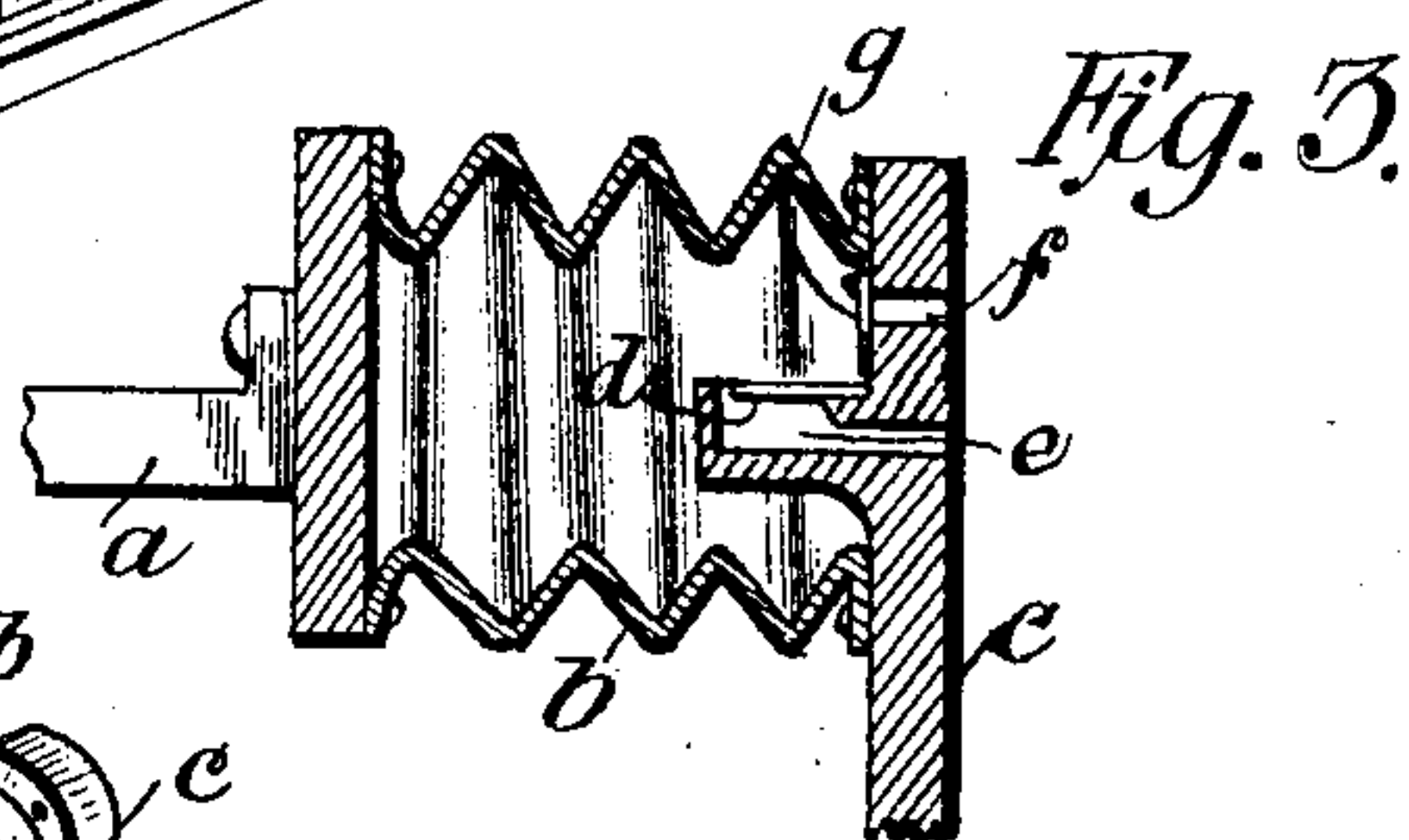
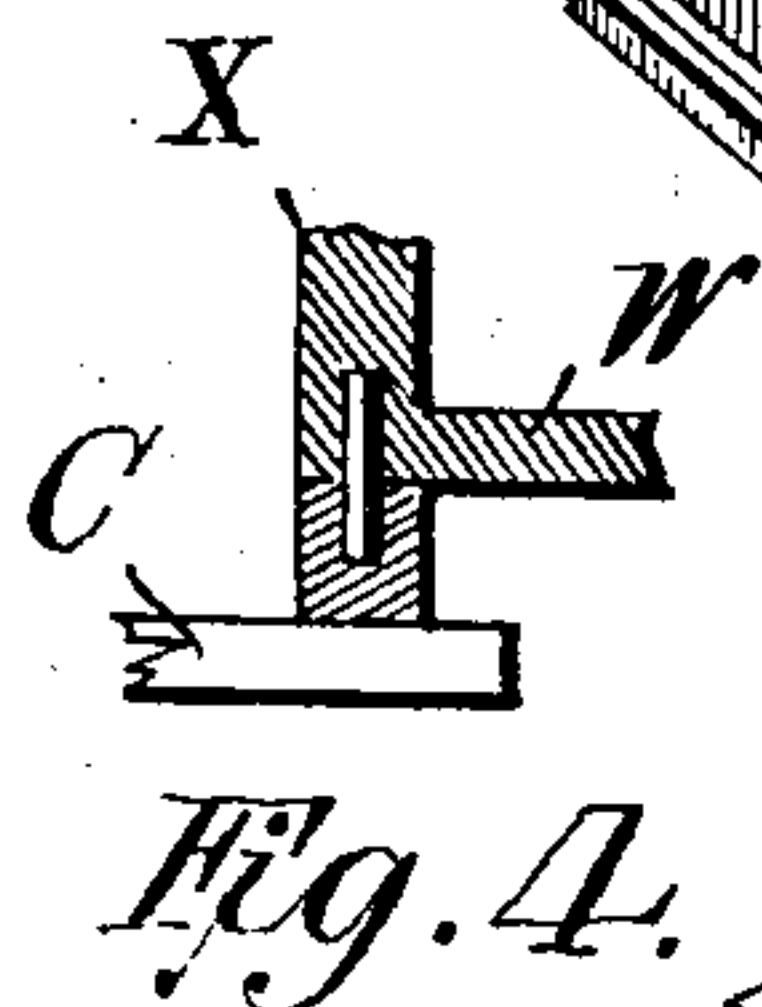
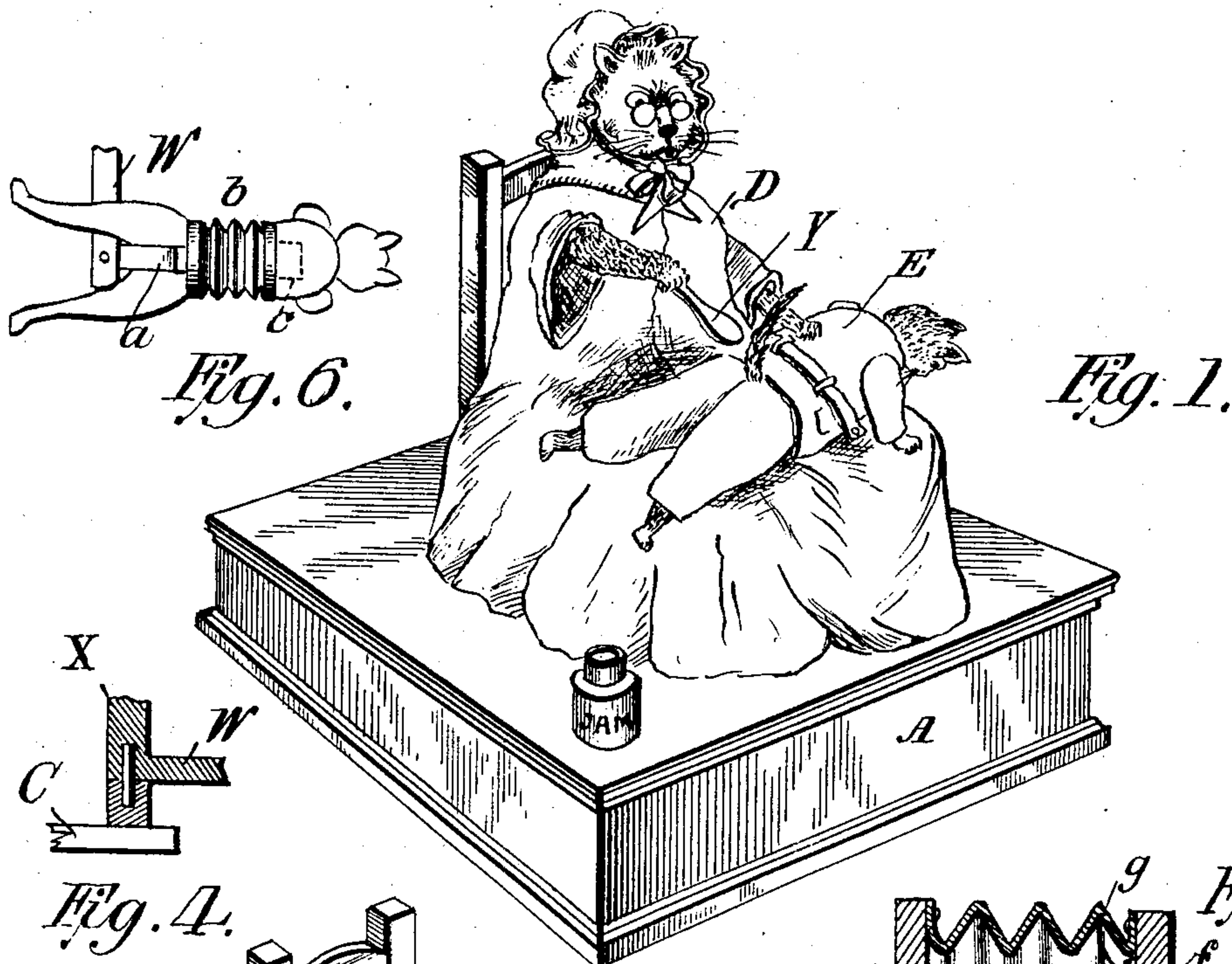
No. 771,187.

PATENTED SEPT. 27, 1904.

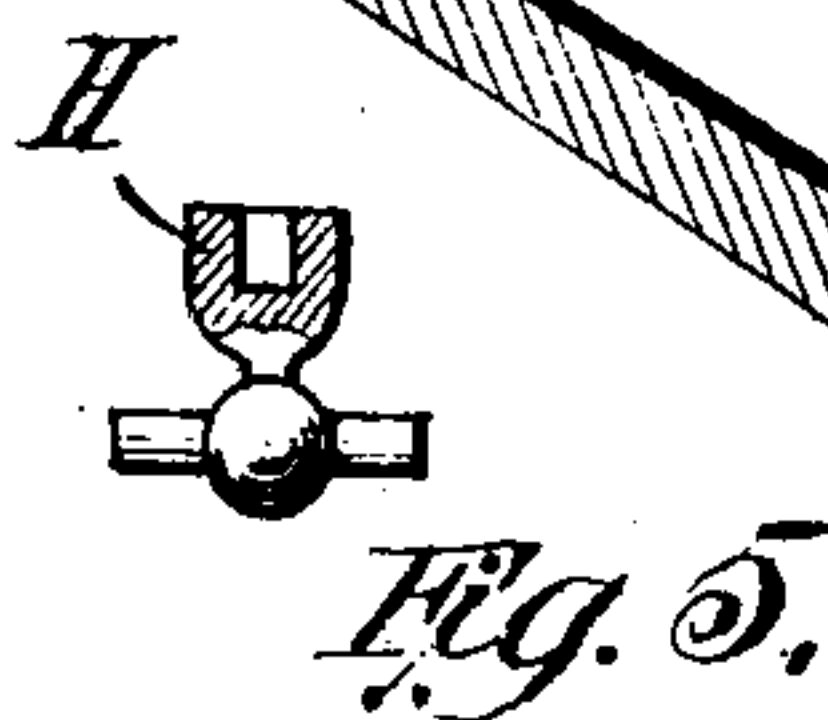
J. A. SWARTZ.
TOY.

APPLICATION FILED FEB. 6, 1904.

NO MODEL.



Witnesses:
H. H. Butler,
E. E. Potter



Inventor,
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UNITED STATES PATENT OFFICE.

JENNIE AUGUSTA SWARTZ, OF PITTSBURG, PENNSYLVANIA.

TOY.

SPECIFICATION forming part of Letters Patent No. 771,187, dated September 27, 1904.

Application filed February 6, 1904. Serial No. 192,380. (No model.)

To all whom it may concern:

Be it known that I, JENNIE AUGUSTA SWARTZ, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Toys, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention has relation to toys, and relates in particular to that class of toys in which figures representing people or animals are actuated by clockwork and caused to go through motions indicative of certain movements of the character they represent.

My invention has for its object the provision of a novel mechanical toy which will represent a human being or an animal administering punishment to another and in which the figure which is represented as being punished will be caused to give forth sounds simulating the cries of the character which it represents.

My invention consists in the novel construction, combination, and arrangement of parts to be hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of the complete toy. Fig. 2 is a similar view of the same with the mechanical figures removed to show the construction of the operative parts and with a portion of the base broken away to show the operating mechanism. Figs. 3, 4, and 5 are sectional views, and Fig. 6 a top plan view of detached portions of the toy.

In the drawings, A represents the base of the toy, which is a hollow box of suitable form that contains the clockwork by means of which the figures are actuated. Upon the top of the base A is mounted the frame B in the form of the back and rear legs of a chair. A horizontal bar C projects from the frame B, and upon the bar C is seated a figure D, which is suitably clothed in accordance with the character it is supposed to represent, that shown in the drawings being a cat clothed in the garments of a woman. Upon the lap of the figure D is stretched a figure E, representing another figure also suitably clothed, that in the drawings being the figure of a kitten.

The actuating mechanism contained in the base A may be of any suitable character, such as the simple clockwork shown, which is driven by the coil-spring F, having a winding-arbor G projecting through a hole in the bottom of a base and squared to receive a key H, by means of which it is turned. A gear-wheel I on the arbor G meshes with a pinion K, journaled in a suitable framework L, and a pinion M meshes with the pinion K and carries on the lower end of its shaft a fan N, which serves to govern and regulate the speed of the clockwork. The shaft O of the pinion K carries on its upper end a gear-wheel P, which has teeth on its lower side that mesh with a pinion R, carried on the horizontal crank-shaft S. A pitman T is attached to the pin U on the wheel P and at its opposite end is connected by a vertical pin V to the rocking arm W, that is mounted and vertically pivoted upon the arm C of the frame B. The rocking arm W is formed with a vertical extension X, and upon said vertical extension is pivoted a lever Y, the one end of which is connected by a link Z to the crank-shaft S, so that as the crank-shaft is revolved the outer end of the arm Y will be moved up and down. The outer end of the arm Y may be suitably shaped, so as to represent a paddle or other suitable instrument for administering punishment, and this arm in the complete toy is covered with suitable material so as to cause it to represent the arm of the figure D. An arm a is carried by the rocking arm W and is attached to the movable head of the bellows b, the opposite end of which is attached to an upright c on the base A. Within the bellows b and attached to the upright c is a reed d, which is arranged above the orifice e, leading through said upright c. The opening f in the upright c has a flap-valve g upon its inner end, this opening serving for the admission of air to the bellows, the air being expelled through the opening e when the bellows is closed and actuating the reed d to produce a sound indicating or in imitation of the cries which are supposed to be emitted by the small figure E. The head, the upper part of the body, and the arms of the small figure E are attached to the upright c, while the bel-

lows *b* constitutes the central portion of the body of this figure, and the legs of the figure are attached to the head of the bellows, as shown in Fig. 6. The upright, bellows, and the parts which actuate the same are covered and concealed by the drapery of the figures D and E.

Operation: The toy is put into operation by winding the spring F, whereupon the movement of the clockwork mechanism actuated by the said spring will cause the rocking arm W to rock in a horizontal plane and operate the bellows, which will cause the reed D to vibrate at each movement of the arm and emit a sound imitative of the cry of a child or small animal. At the same time the pivoted arm Y, which, as before stated, represents the arm of the figure D, will be moved up and down, thus causing the figure D to simulate the action of administering punishment to the small figure E. At the same time the legs of the small figure E will be moved backward and forward by reason of the fact that they are attached to the bellows *e*, and the small figure will be thus caused to move and simulate the movement of a child or animal suffering under the punishment being administered.

From the foregoing it will be observed that

the toy when in operation gives an imitation of a mother administering punishment to her offspring, while at the same time the offspring is emitting cries and making convulsive movement in imitation of a creature receiving punishment.

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

In a toy the combination of a stationary base, a clockwork mechanism contained in said base, a stationary figure mounted on the base, a movable arm arranged on said figure, a link connecting said arm with said clockwork mechanism, a bellows mounted adjacent to said first-named figure, legs and a head attached to said bellows, said bellows and legs being draped to represent a second figure, a reed receiving air from said bellows, and connections between said bellows and said clockwork mechanism.

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

JENNIE AUGUSTA SWARTZ.

Witnesses:

J. W. SHERRER,
JNO. L. SWARTZ.