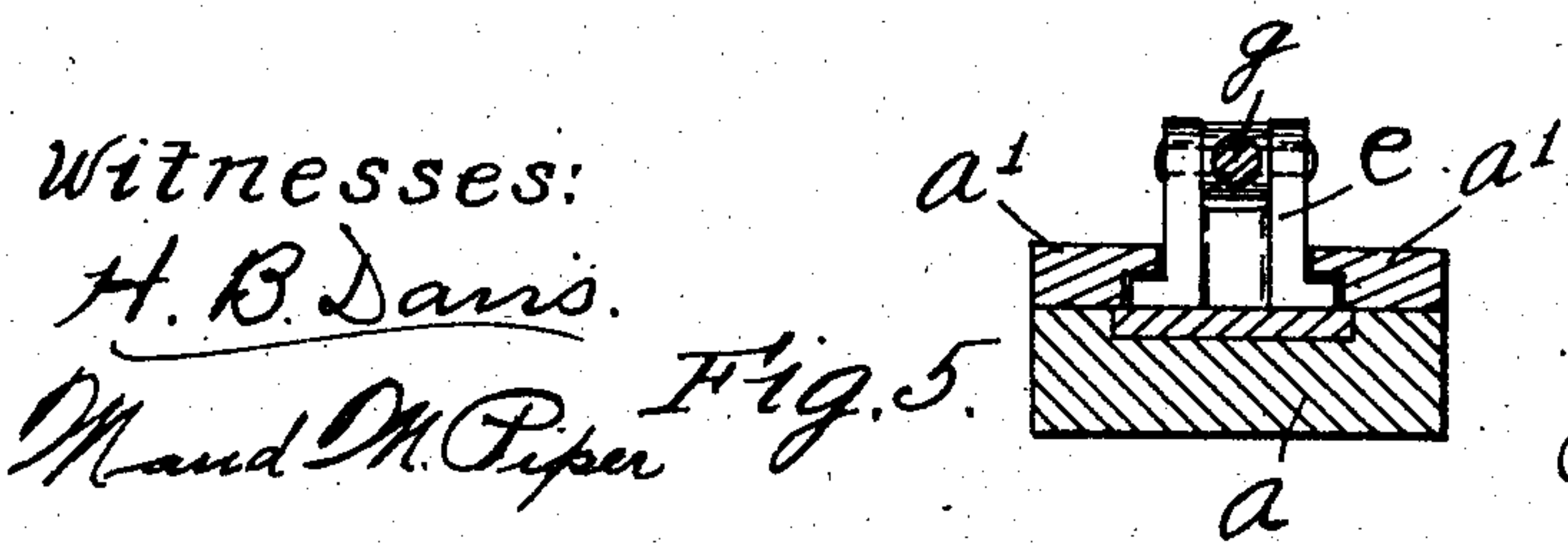
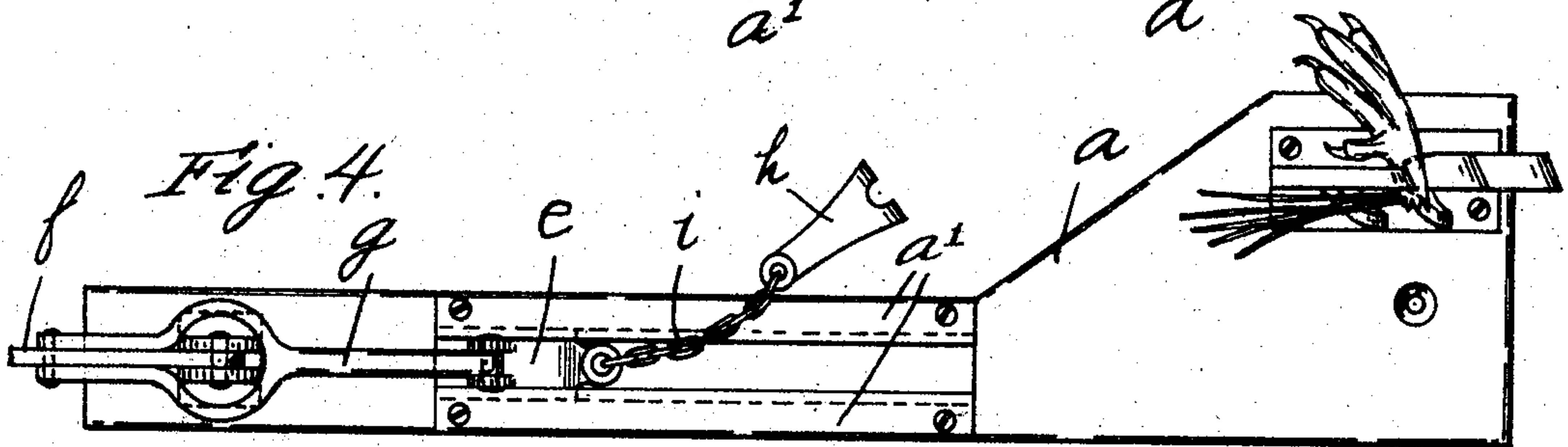
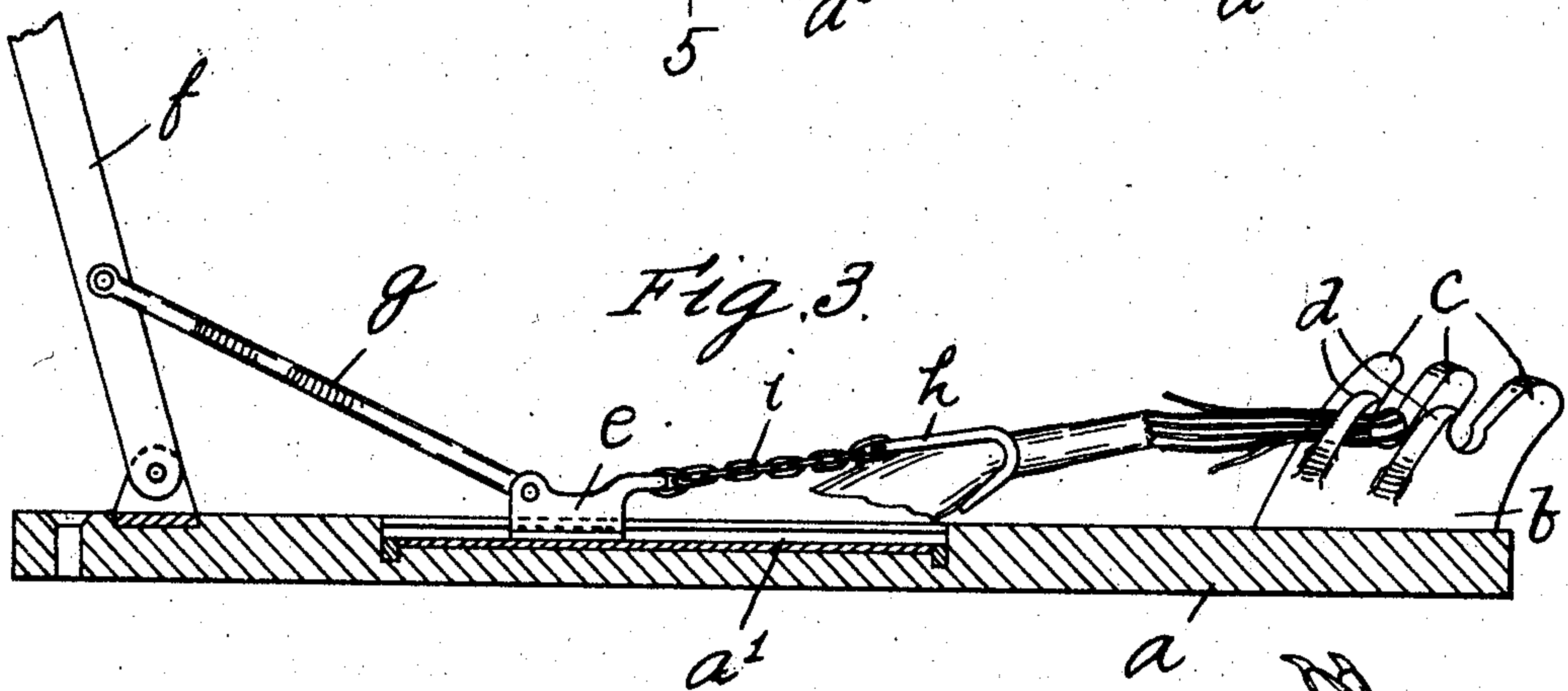
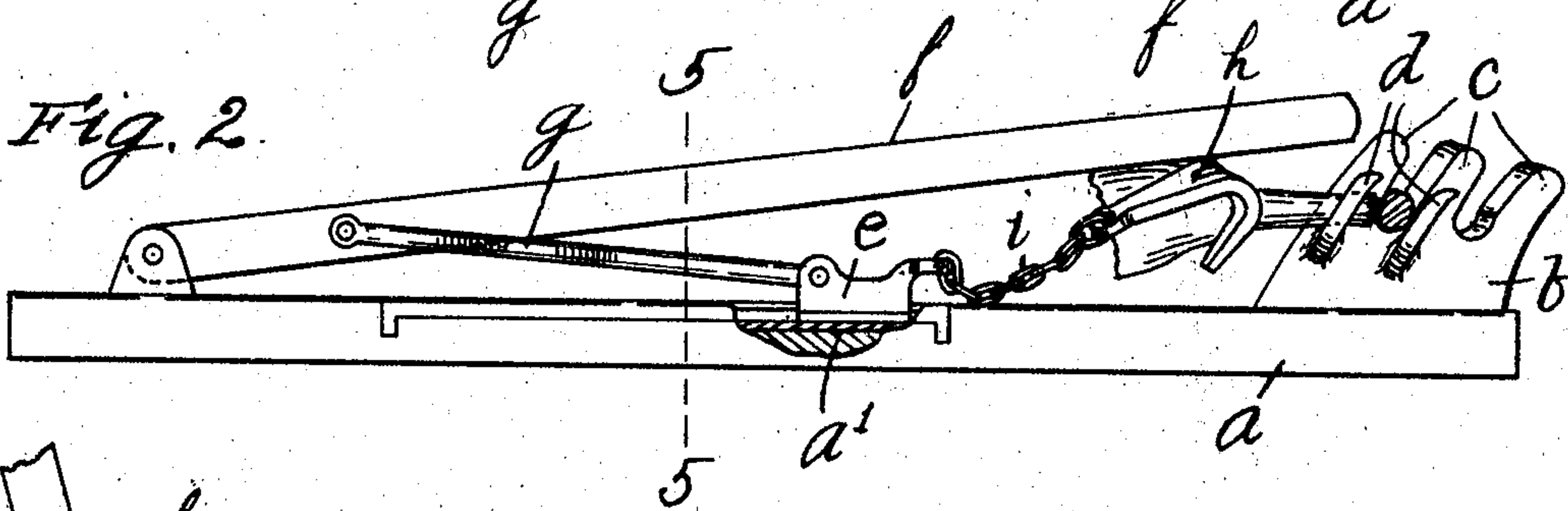
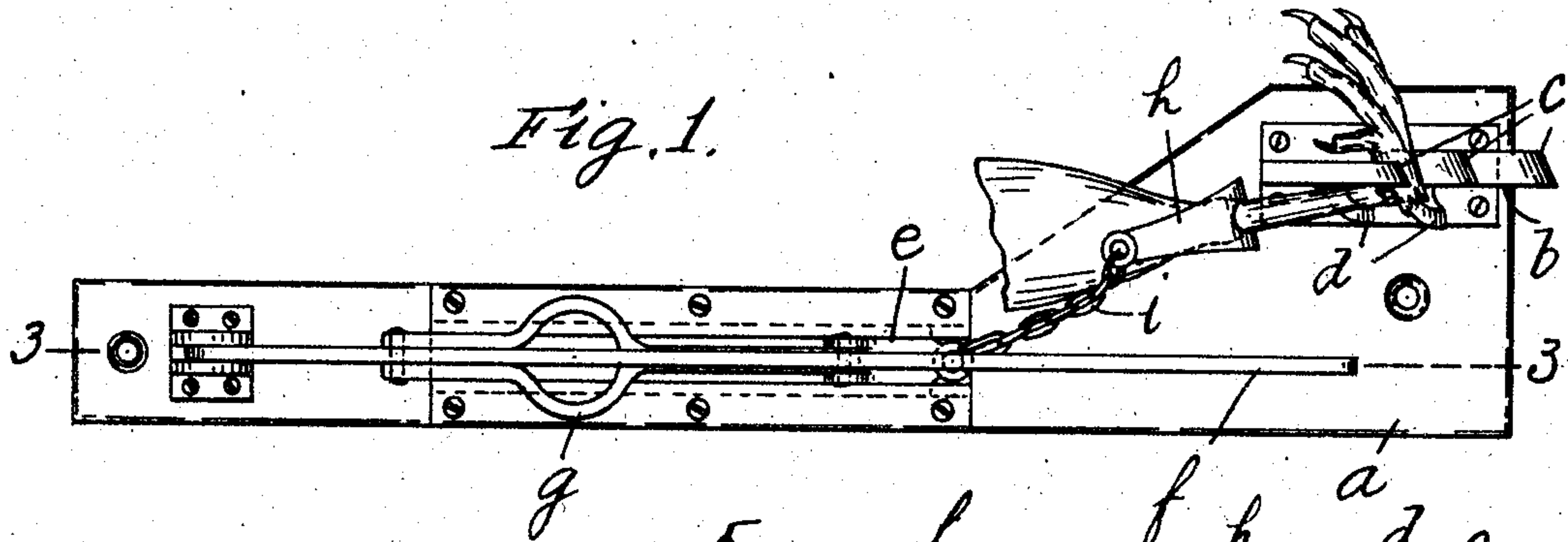


No. 787,025.

PATENTED APR. 11, 1905.

G. A. CONGDON.
TENDON PULLING MACHINE.
APPLICATION FILED AUG. 29, 1904.



Witnesses:
H. B. Davis.
M. and M. Piper

Inventor:
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Attys

UNITED STATES PATENT OFFICE.

GEORGE A. CONGDON, OF WEST SOMERVILLE, MASSACHUSETTS.

TENDON-PULLING MACHINE.

SPECIFICATION forming part of Letters Patent No. 787,025, dated April 11, 1905.

Application filed August 29, 1904. Serial No. 222,523.

To all whom it may concern:

Be it known that I, GEORGE A. CONGDON, of West Somerville, county of Middlesex, State of Massachusetts, have invented an Improvement in Tendon-Pulling Machines, of which the following description, in connection with the accompanying drawings, is a specification, like characters on the drawings representing like parts.

This invention relates to that class of devices which are designed and adapted to be employed in drawing out the tendons from the fleshy part of the legs of turkeys and other poultry.

The object of my invention is to provide an improved means for the above-described purpose which will enable the tendons or sinews to be extracted with ease and facility.

In the drawings, Figure 1 shows in plan and Fig. 2 in side elevation my device in position for use at the beginning of the operation. Fig. 3 is a section on the line 3 3 of Fig. 1. Fig. 4 is a plan view showing the position of the parts at the end of the operation. Fig. 5 is a section on line 5 5 of Fig. 2.

As shown in the drawings, the parts of my device are preferably mounted on a base *a*, which may in turn be secured to a wall or table, so that it will be upright or horizontal.

A foot-holder *b* is rigidly secured to the base *a*, said holder being provided with two or more rigid fingers *c*, arranged to provide one or more leg-receiving notches therebetween. A pair of fingers *d* are preferably arranged at one side of said notches; but they are not essential to the satisfactory operation of the device, although they aid in holding the foot in place to some extent.

A T-shaped clip *e* is slidably mounted in a correspondingly-shaped slot *a'* in the base, so located that said holder *b* is at one side of the line of direction thereof, and a lever *f* is pivoted to the base in line with said slot *a'* and at the opposite end thereof from the holder *b*. A link *g* is pivoted to said lever and to said clip *e*, so that said clip may be moved back and forth in said slot by said lever. A bifurcated hook *h* is connected to the clip *e* by a chain *i* or other suitable flexible connection.

The manner of using the above-described device is as follows: The lower part of the leg of the turkey is placed in one of the notches between fingers *c*, with the foot at the opposite side thereof from fingers *d*, and the leg is broken over one of said fingers *c*, the raised edge at one side of the latter enabling the leg to be broken easily. The lever *f* is swung forward to the position of Figs. 1 and 2, and the fork of hook *h* is placed astride the leg just below the lower joint at the lower end of the fleshy part thereof. The lever is then pulled away from the holder *b*, causing a strong pull to be exerted upon the tendons, so that they will be drawn out of the fleshy part of the leg, as indicated in Figs. 3 and 4.

As the holder *b* is at one side of the line in which the clip *e* moves, the pull upon the chain will be oblique to this line, the object of this arrangement being to enable the body of the turkey to lie at one side of the lever *f* and link *g* without interfering therewith. The flexible chain connection between the clip and hook enables the latter to adjust itself on the leg and also enables the hook to be more readily and conveniently applied.

The particular form of hook *h* shown is of special advantage in this connection, as it constitutes a convenient means for attaching the lever to the leg and as it is practically impossible for the joint to slip between the prongs of the hook, although the prongs do not bind against the tendons as they are withdrawn, to an appreciable extent.

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

1. A device for the purpose described comprising a base, a foot-holder secured thereto, a clip, a guide on the base in which said clip is free to slide, a lever pivoted to said base, a link connecting it with said clip, a leg-engaging device, and a link connecting it with said clip, substantially as described.

2. A device for the purpose described comprising a base, a foot-holder secured thereto, a clip, a guide on the base in which said clip is free to slide, a lever pivoted to said base, a link connecting it with said clip, a leg-en-

gaging device, and a flexible connection between said engaging device and said clip, substantially as described.

3. A device for the purpose described comprising a base, a foot-holder secured thereto,
5 a clip, a guide on the base in which said clip is free to slide, a lever pivoted to said base, a link connecting it with said clip, a leg-engaging device, and a link connecting it with
10 said clip, said foot-holder being arranged to

one side of the path of movement of said clip, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE A. CONGDON.

Witnesses:

B. J. NOYES,

L. H. HARRIMAN.