

No. 689,493.

Patented Dec. 24, 1901.

J. JARVIS.
RIFLE HOLDING SADDLE.

(Application filed Jan. 14, 1901.)

(No Model.)

2 Sheets—Sheet 1.

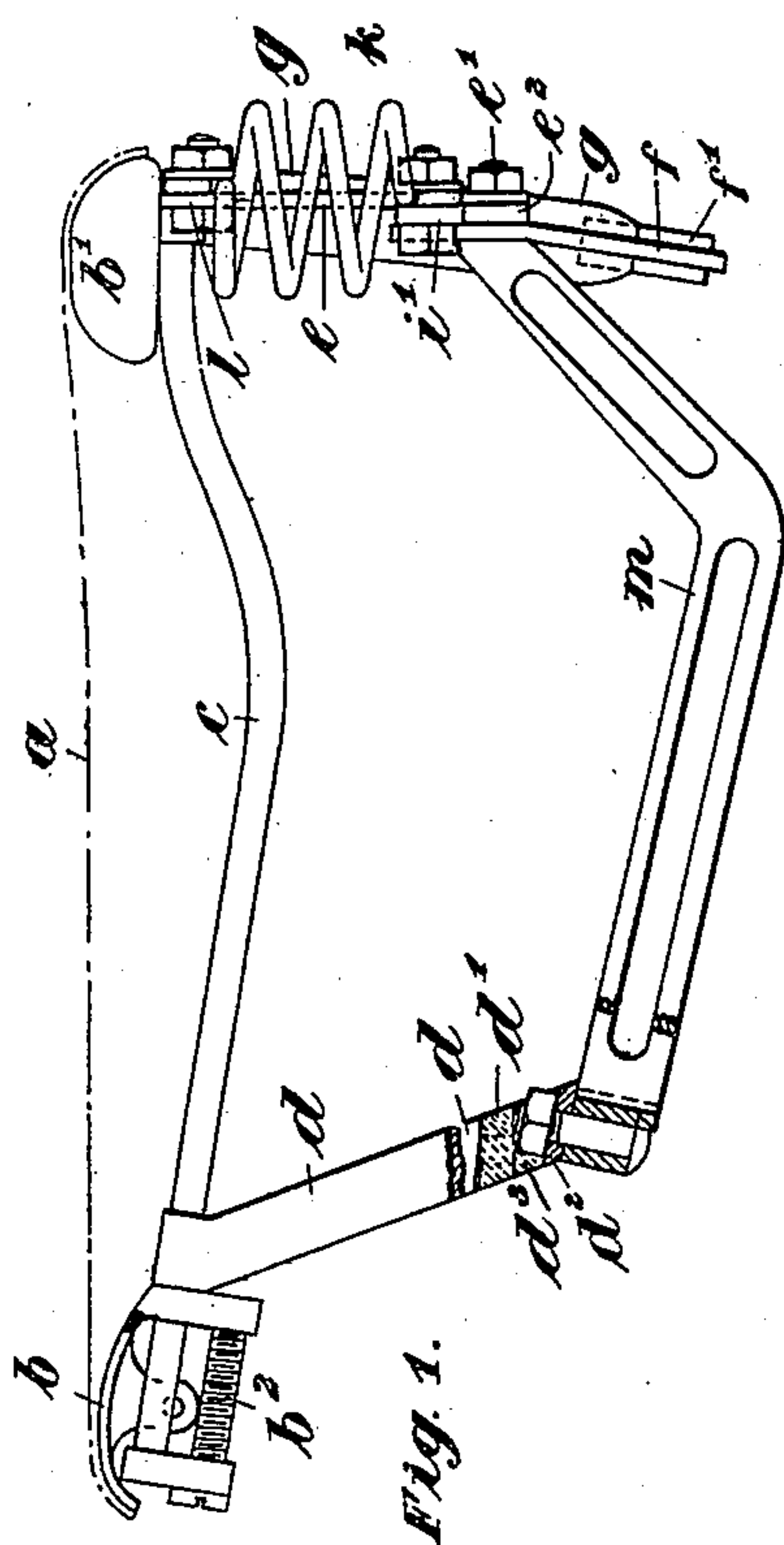


Fig. 1.

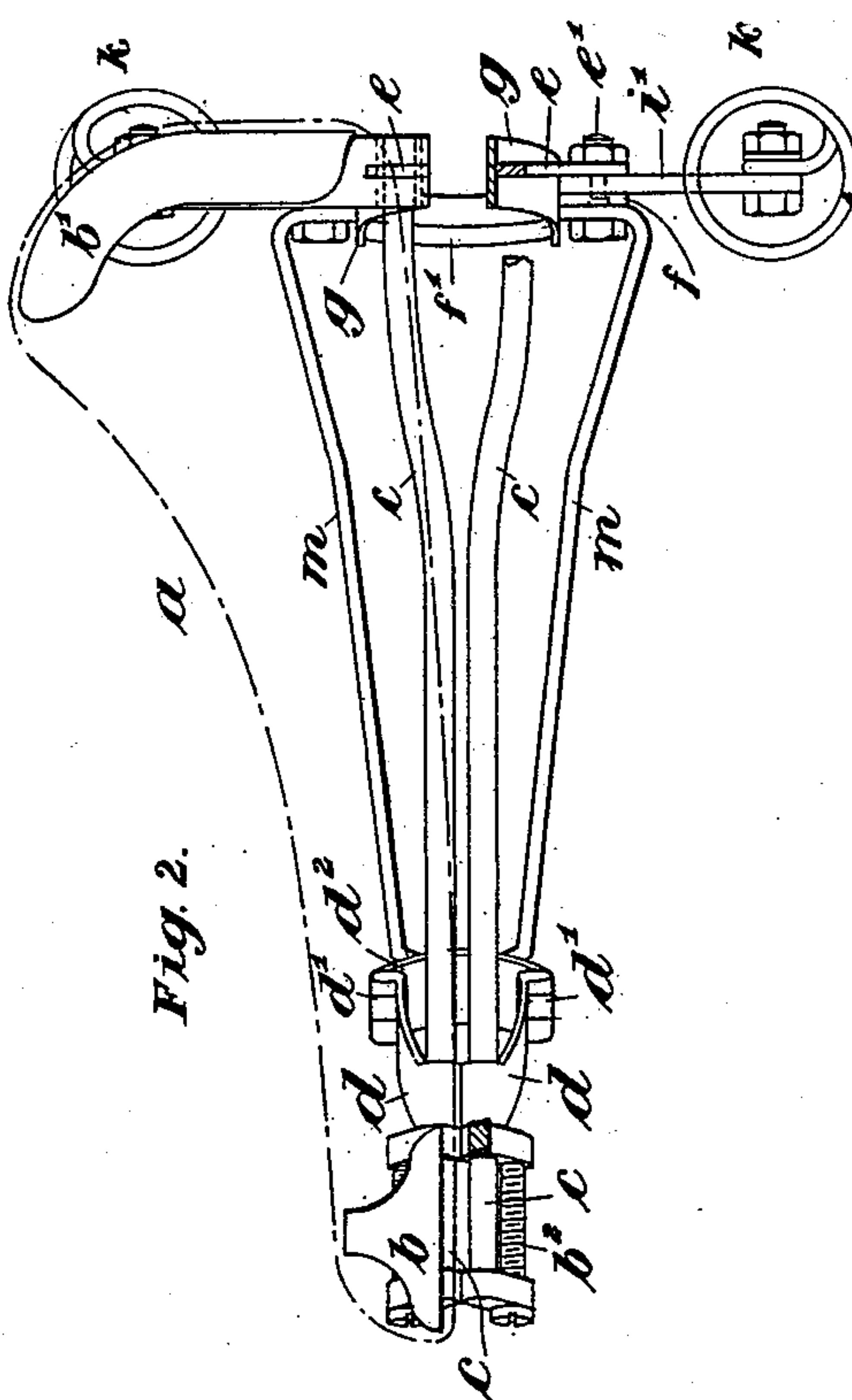


Fig. 2.

Witnesses:

E. J. Rapson.

E. R. Wood.

Inventor:

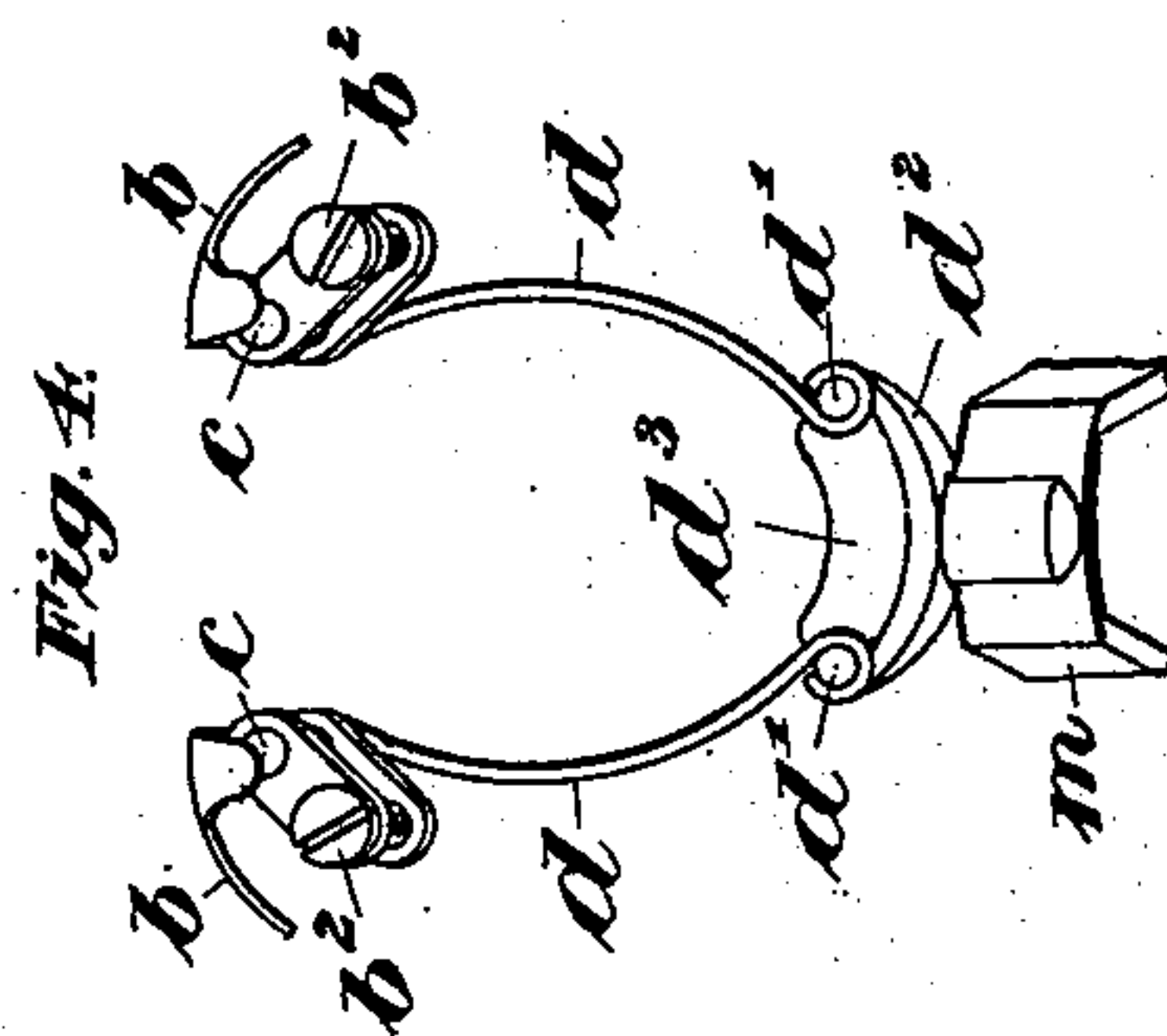
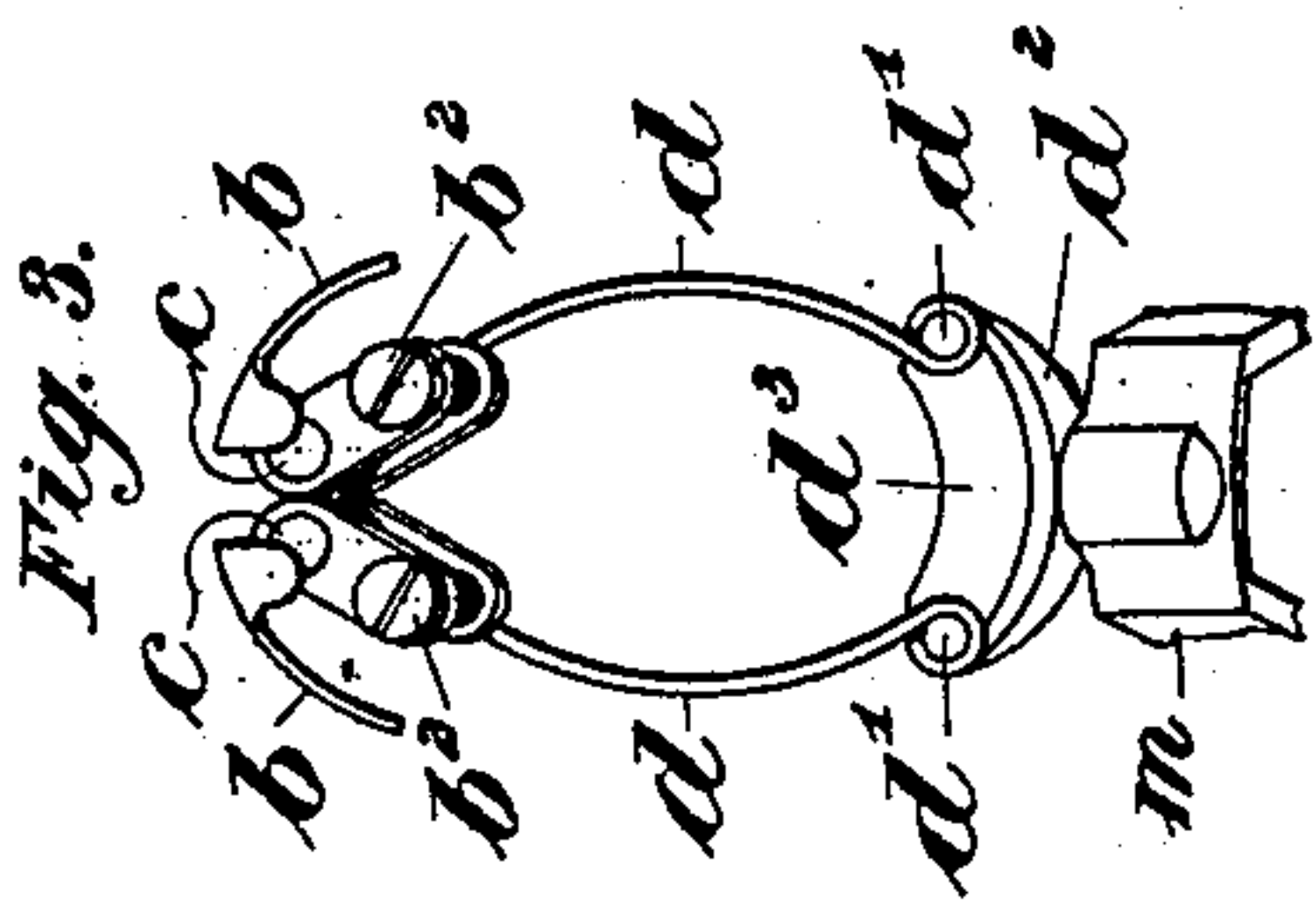
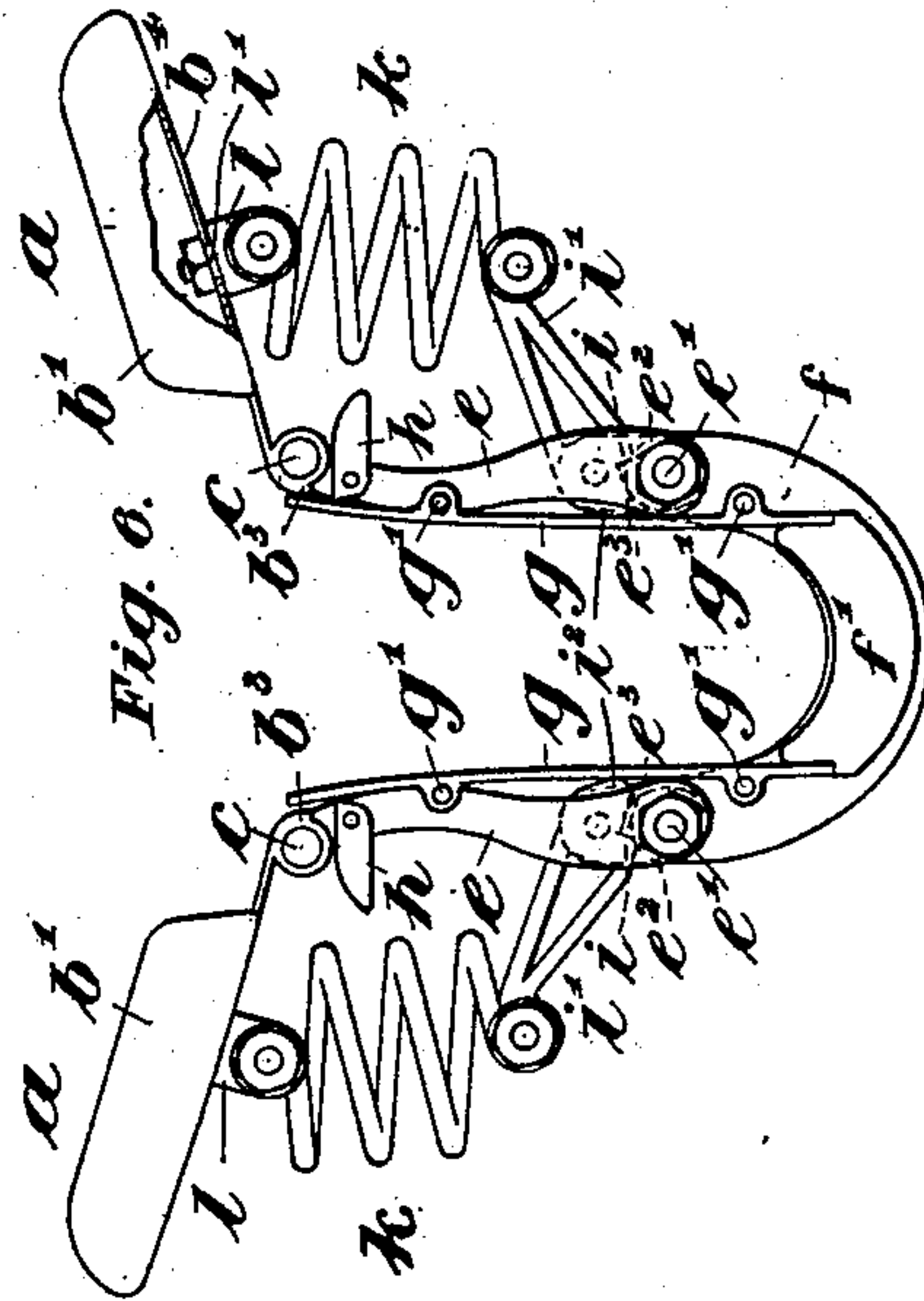
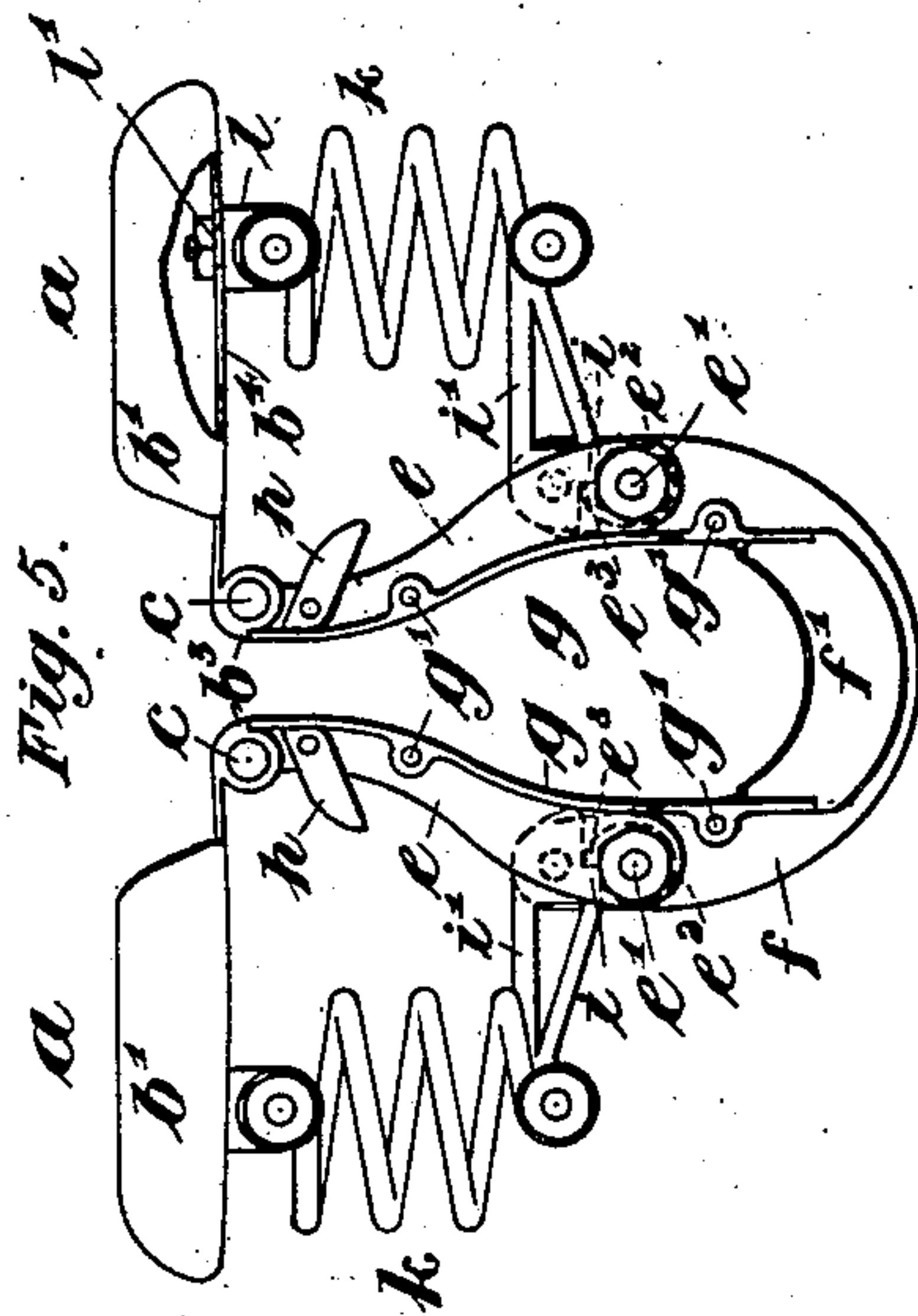
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2 Sheets—Sheet 2.



Witnesses:

F. J. Rapson.
E. B. Wood.

Inventor:

John Jarvis

UNITED STATES PATENT OFFICE.

JOHN JARVIS, OF KENSINGTON, ENGLAND.

RIFLE-HOLDING SADDLE.

SPECIFICATION forming part of Letters Patent No. 689,493, dated December 24, 1901.

Application filed January 14, 1901. Serial No. 43,206. (No model.)

To all whom it may concern:

Be it known that I, JOHN JARVIS, a subject of the Queen of Great Britain and Ireland, residing at 23 Campden Grove, Kensington, in the county of Middlesex, England, have invented an Improved Cycle-Saddle Adapted for Holding a Rifle or Similar Article, (in respect whereof I have applied for a patent in Great Britain, to bear date June 21, 1900, No. 11,275,) of which the following is a specification.

This invention relates to improved means for carrying rifles, fishing-rods, hockey or polo sticks, and like articles on bicycles or like road-vehicles, whereby the rifle is not only securely held or readily released, but its weight is placed centrally in relation to the machine.

Assuming my invention to be applied, by way of example, for enabling a military rifle to be carried upon a bicycle, I construct the saddle and its frame in such a manner that the rifle may be passed through a longitudinal opening in the saddle-seat and arranged below the level thereof, suitable clips or grips being provided both at the fore end and at the after end of the saddle-frame for engaging with and securely holding the rifle. The two portions of the divided saddle or one or both sets of clips may be arranged in such a manner that the weight of the rider upon the saddle tends to close and tighten them upon the rifle, thus increasing the firmness with which the latter is held.

In the accompanying drawings, which illustrate one mode of accomplishing the object in view, Figure 1 is a side elevation of a saddle and frame arranged for carrying a rifle and adapted for use in connection with a bicycle, a portion of the clip at the fore end of the saddle-frame being shown in section. Fig. 2 is a corresponding plan. Fig. 3 is a view of the fore end, the clip being shown in the closed position. Fig. 4 is a similar view of the same, showing the clip in the open position. Fig. 5 is a view of the after end, the clip being shown in the closed position; and Fig. 6, a similar view of the said after end, showing the clip in the open position.

The saddle-seat is formed in two parts *a a*, each part being attached at the fore and after ends, respectively, to arms or carriers *b b'*,

which are arranged upon longitudinal rods *c c*. The carrier *b* at the fore end is provided with a screw *b²*, whereby its position may be varied and the material of the saddle maintained taut. The clip at the fore end comprises hinged side portions *d d*, depending from the rods *c c*, the lower ends of each portion *d* being hinged at *d'* to a supporting-plate *d²*, provided with a lining *d³*, of india-rubber or other suitable material. The clip at the after end comprises the arms *e e*, depending from the rods *c c*, the lower ends of these arms being pivoted at *e' e'* in the upturned extremities of the shoe or U-shaped support *f*. The inner sides of the clip so constituted are faced with strips *g g* of spring metal, these strips being held against dislodgment by pins *g' g'*. Each saddle-arm *b'* is furnished with a nose or projection *b³*, which is arranged to engage the upper extremity of the respective spring-strips *g*. The disengagement of the strips *g g* from their respective noses *b³ b³* is effected by turning the cam-levers *h h*, the latter being pivoted in the arms *e e*. These latter at their lower extremities are each furnished with a boss *e²*, formed with a nose *e³*, with which a corresponding nose *i* on the arm or bracket *i'* engages. Each arm *i'* is formed with a cam portion *i²*, which takes a bearing upon the back of the spring *g*, each arm *i'* being pivoted in an extension of the U-shaped support *f* and carrying at its outer extremity the saddle-spring *k*. The upper end of each spring *k* is connected with a lug *l*, having a shank *l'*, which works in a slot *b⁴* in the arm *b'*. The support *f* may be provided with a lining *f'*, of india-rubber or similar yielding material. The clips or grips are braced together by means of the bifurcated piece *m*, which is furnished with the usual clip whereby the device is secured to the machine.

Assuming the device to be closed—that is to say, in the position illustrated in Figs. 1, 2, 3, and 5—and that it is desired to carry a rifle, for example, it will be necessary to open the jaws of the clips to permit the insertion of the rifle. To effect the opening of the clips, the cam-levers *h h* are raised, whereby the springs *g g* are forced out of engagement with the noses *b³ b³* and become straightened, with the effect that the noses *e³ e³*, pertaining

to the bosses $e^2 e^2$, turn the brackets $i' i'$ about their pivots in the support f and effect the tilting of the parts $a a$ of the saddle, as illustrated in Fig. 6. At the same time the clip at the fore end is opened, as shown in Fig. 4. For the purpose of closing the device after having inserted the rifle it is only necessary to apply a downward pressure upon the two parts of the saddle, when the several parts will resume the positions indicated in Figs. 3 and 5, the strips $g g$ closely embracing the rifle.

When the saddle is riderless and when the upper extremity of the spring g is engaged beneath the catch b^3 , the spring k operates to maintain engagement between these parts and also to maintain the grip of the holder upon the rifle at the upper part of the clip, the nose or cam portion i^2 of the arm i' still bearing against the back of the spring g and serving to increase the hold of the clip upon the rifle at that part.

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

1. The herein-described means for enabling a rifle or similar article to be carried on a cycle, same comprising a saddle divided longitudinally into two parts pivoted together, the fore and after ends thereof being formed as jaws adapted to receive and grip the rifle or similar article to be carried, substantially as herein described.

2. For enabling a rifle or similar article to be carried on a cycle, a saddle divided longitudinally and provided, as to the fore end, with a clip or grip comprising hinged portions secured to a holding-plate, and, as to the after end, with a clip or grip comprising arms pivoted in a support the hinged portions pertaining to the grip at the fore end being connected with the pivoted arms pertaining to the grip at the after end by means of rods so that upon opening and closing of the parts of the saddle, the two grips act in unison, substantially as herein described.

3. For enabling a rifle or similar article to be carried on a cycle, a saddle divided longitudinally and having at the fore and after

ends, clips or grips whereof the side portions depend respectively from each part of the saddle upon either side of the longitudinal opening, supports or shoes to which the said side portions are hinged and a brace-piece extending between the supports, substantially as herein described.

4. For enabling a rifle or similar article to be carried on a cycle, the herein-described means comprising a saddle divided longitudinally and having at the fore and after ends clips or grips provided with plates hinged to the pivoted arms of the grips, the said pivoted arms having noses or projections at their lower ends, a U-shaped support, spring-strips, noses formed on the hinges of the saddle-plates for engaging the ends of the strips and arms or brackets pivoted in the U-shaped support connected with the saddle-plates and having noses or projections formed thereon for engaging the noses or projections on the pivoted arms; whereby the weight of the rider upon the saddle has the effect of closing the grip on the article.

5. In apparatus for enabling a rifle or similar article to be carried on a cycle, the combination, with a bi-part saddle, of the pivoted arms $e e$, the noses or projections $e^3 e^3$, a U-shaped support f , the spring-strips $g g$, the stops $b^3 b^3$, the brackets $i' i'$, the noses or projections $i i$ and the springs $k k$, substantially as specified.

6. For enabling a rifle or similar article to be carried on a cycle, the combination, with a bi-part saddle, of springs $k k$, brackets $i' i'$, cam portions $i^2 i^2$, spring-strips $g g$, stops $b^3 b^3$, pivoted arms $e e$ and support f , substantially as specified and whereby the clip is maintained closed upon the article being carried when the saddle is riderless.

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

JOHN JARVIS.

Witnesses:

HENRY JAMES REEKS,
NORMAN L. B. JONES.