

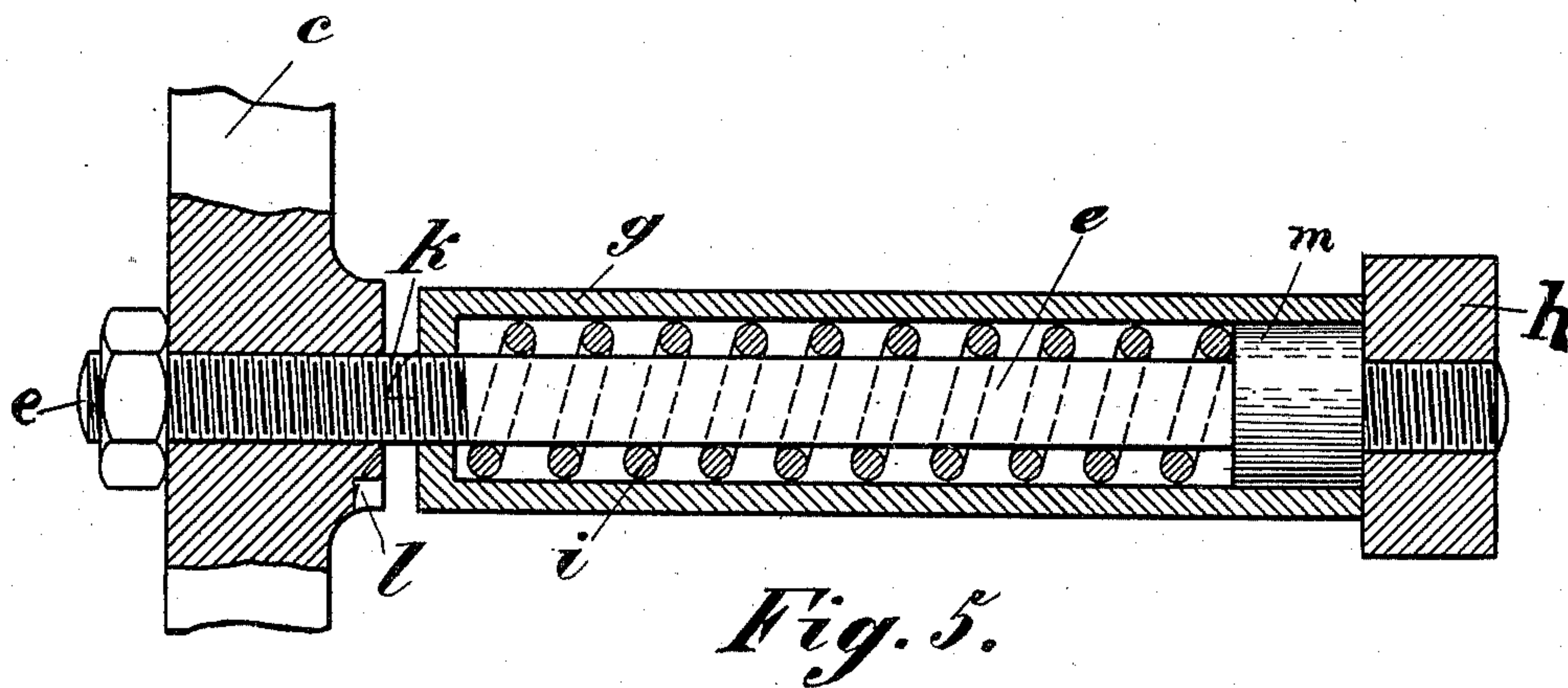
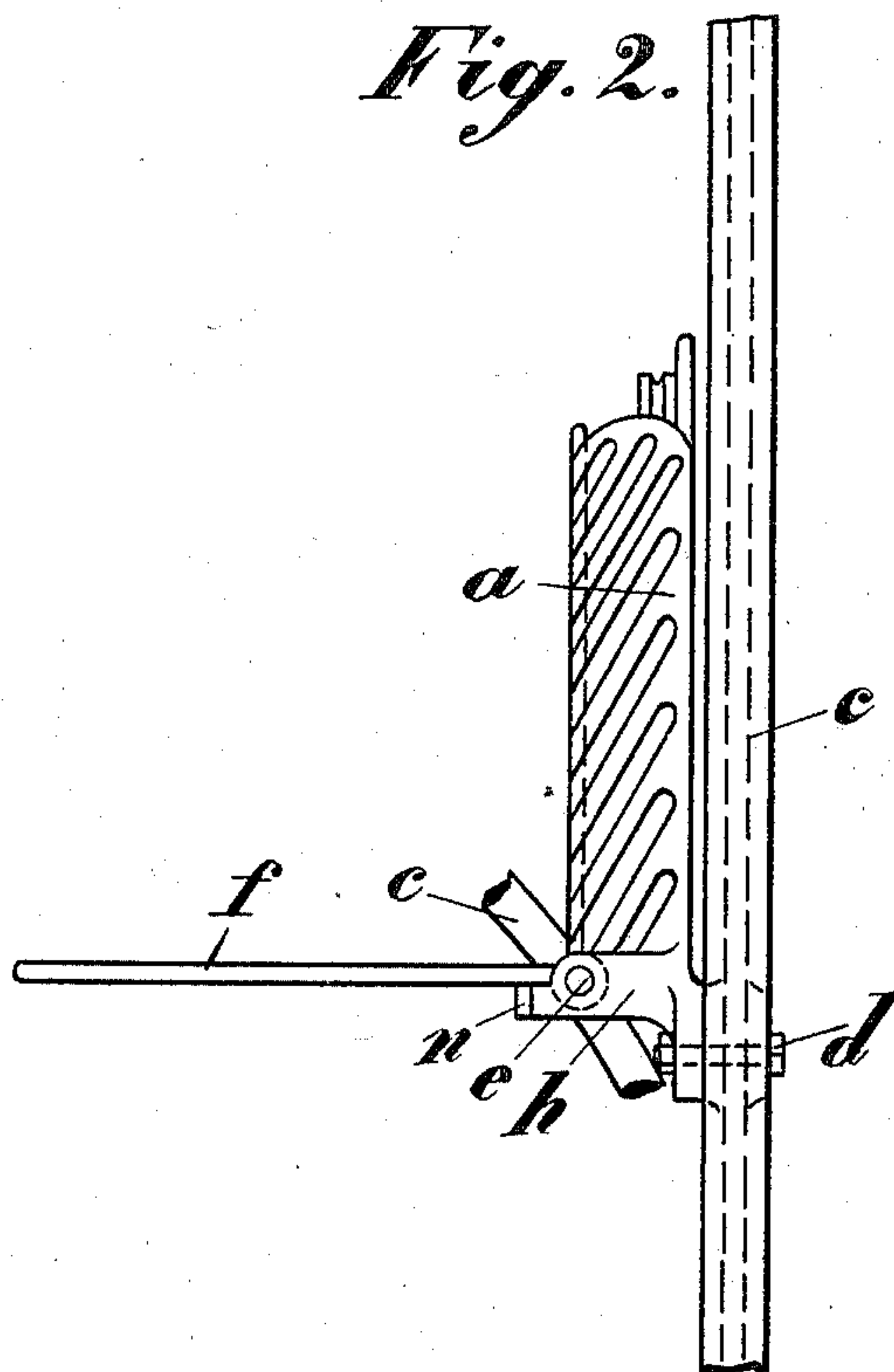
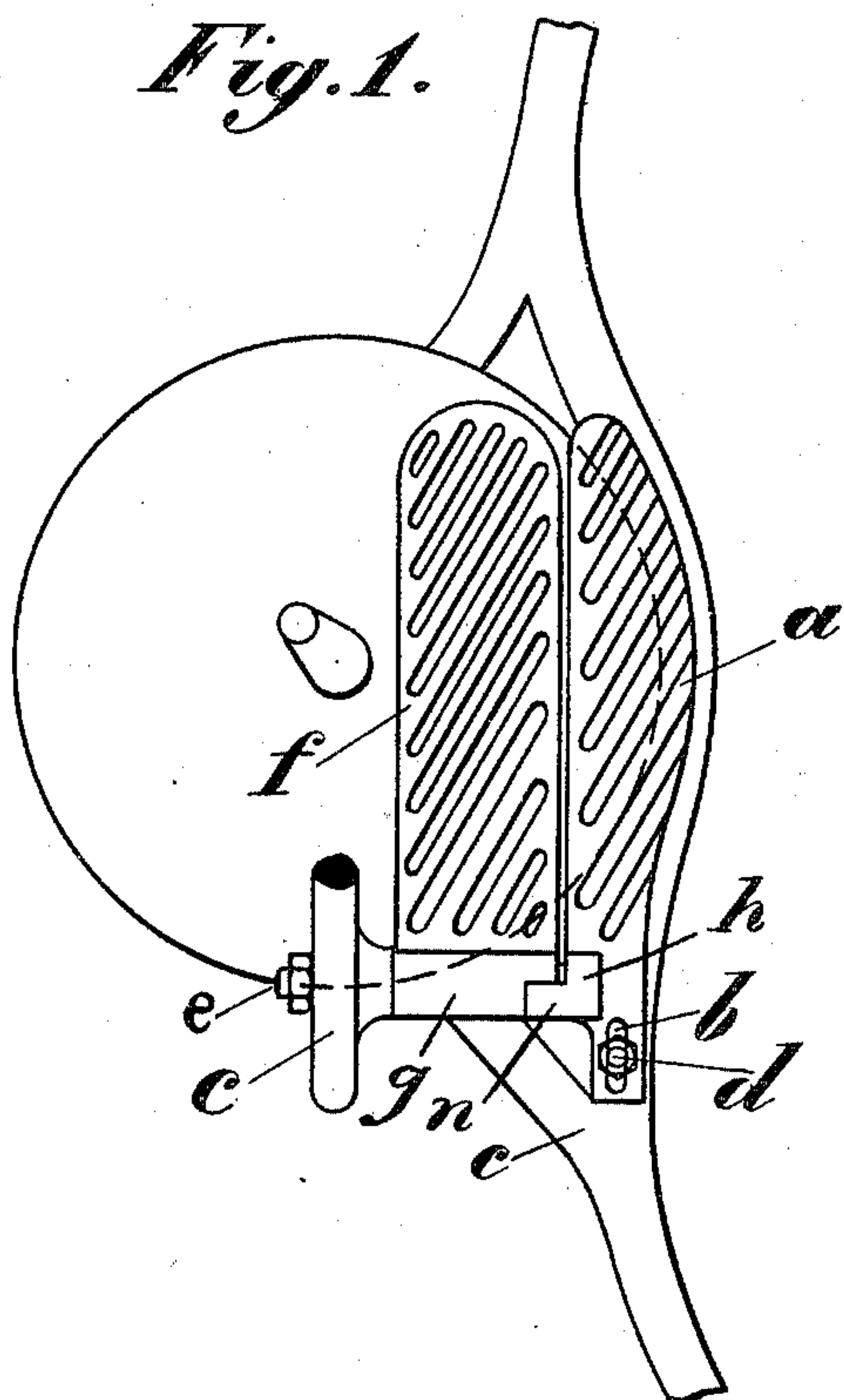
(No Model.)

2 Sheets—Sheet 1.

W. FEHLING.
FOOT REST AND GUARD.

No. 586,022.

Patented July 6, 1897.



Witnesses:
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A. Williamson

Inventor:
Wilhelm Fehling
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Attorney.

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Fig. 3.

Fig. 4.

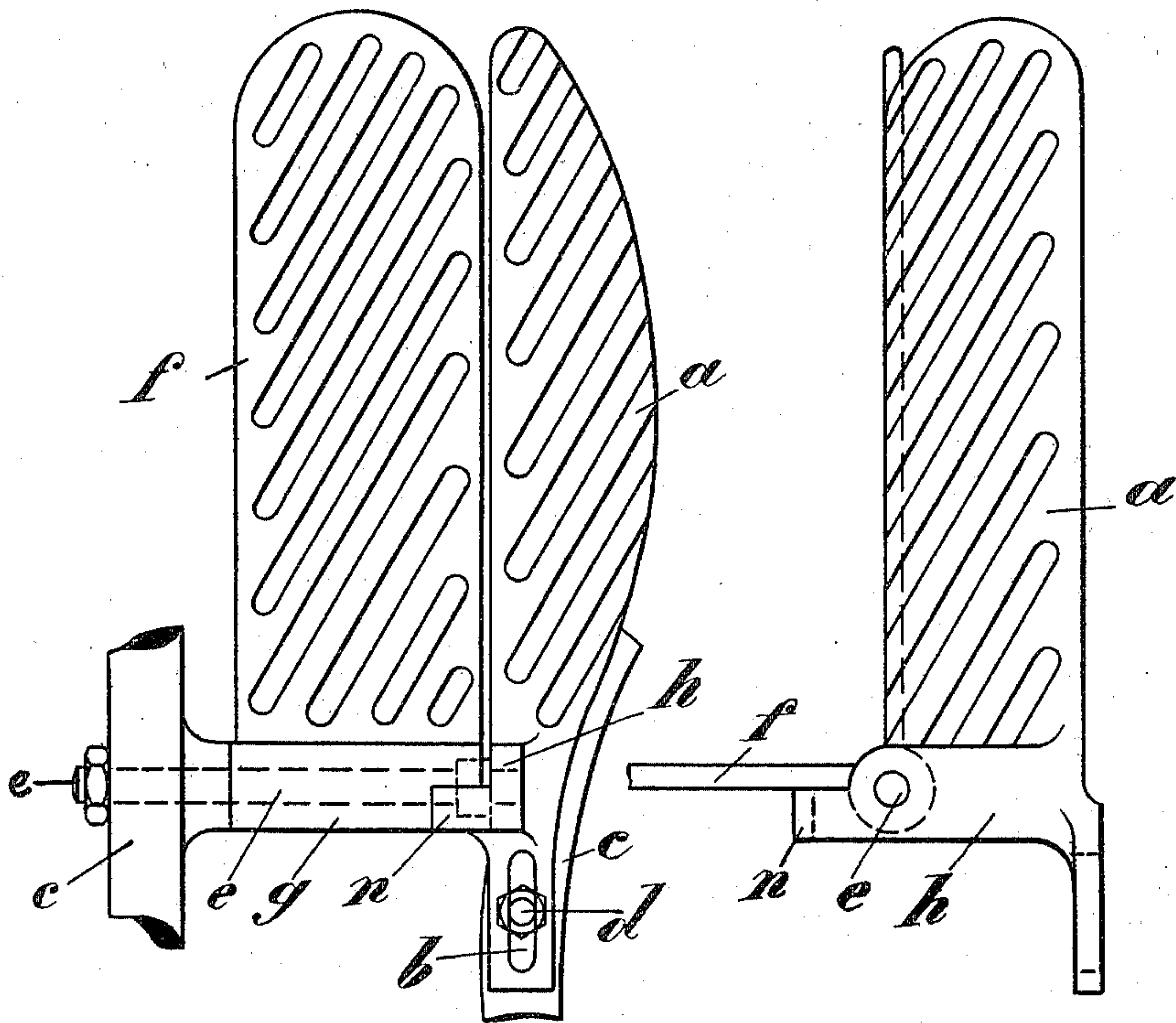
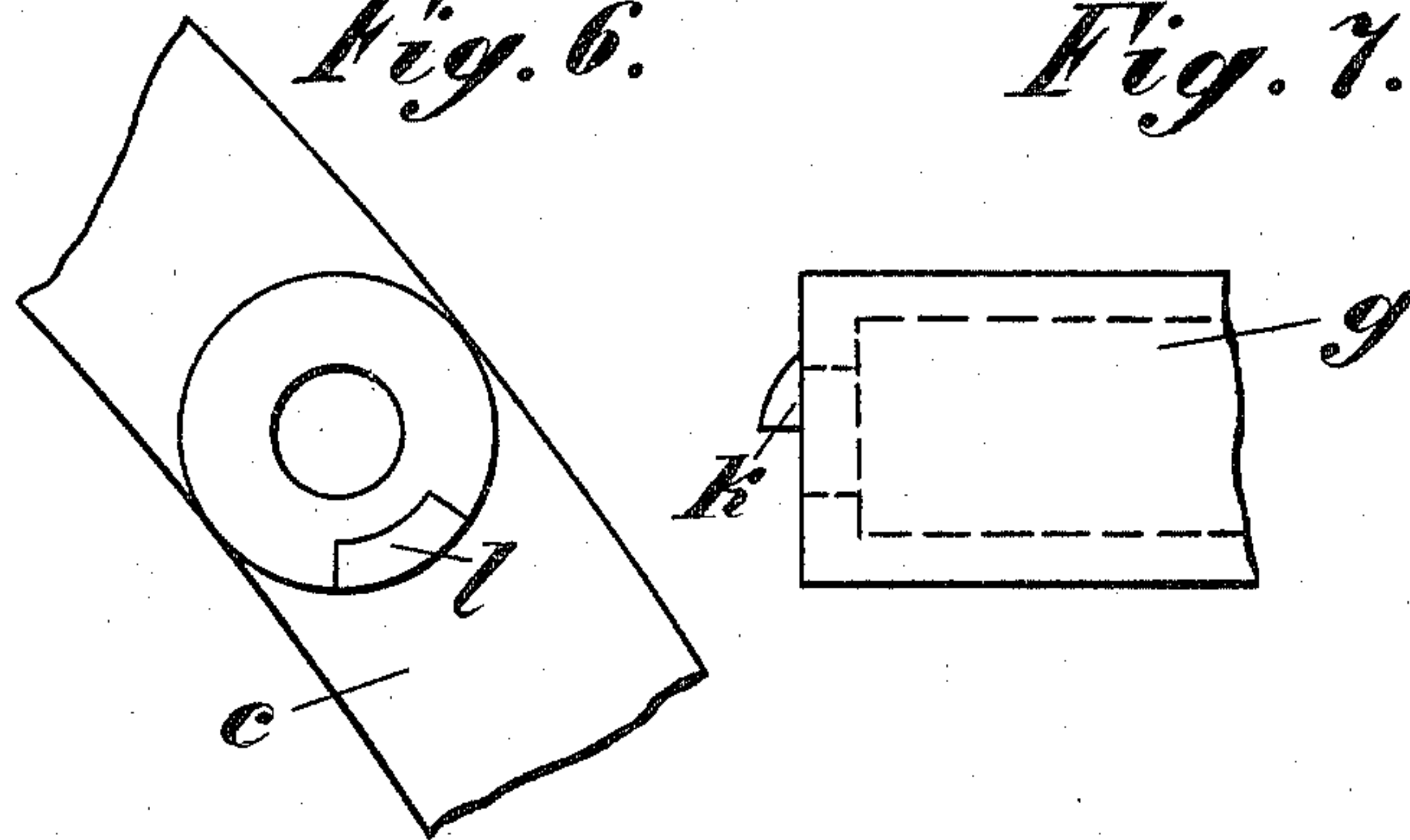


Fig. 6.

Fig. 7.



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UNITED STATES PATENT OFFICE.

WILHELM FEHLING, OF VIETZ, GERMANY.

FOOT-REST AND GUARD.

SPECIFICATION forming part of Letters Patent No. 586,022, dated July 6, 1897.

Application filed September 9, 1896. Serial No. 605,236. (No model.) Patented in Germany June 20, 1896, No. 88,158.

To all whom it may concern:

Be it known that I, WILHELM FEHLING, a subject of the King of Prussia, Emperor of Germany, residing at Küstrinerstrasse, Vietz, in the Kingdom of Prussia and German Empire, have invented a certain new and useful Improvement in Foot-Rests and Guards, of which the following is a specification, and for which I have received German Patent No. 88,158, dated June 20, 1896.

The invention relates to improvements in a combined foot-rest and guard, and has for its object to form a device which will prevent the catching of dresses or the like in the fly-wheel, belt, or other moving parts of a machine which are likely to come in contact with the wearing-apparel of the operator and which will serve as a foot-rest when the machine is not in motion.

With these and other objects in view the invention consists in certain parts and details that will be fully described, and then pointed out in the claims.

Reference is had to the accompanying drawings, forming part of this specification, in which similar characters of reference denote corresponding parts in all of the figures.

Figure 1 is a front view of my improvement, showing it connected to the relative parts of a sewing-machine. Fig. 2 is a side elevation of the device in position to be used as a foot-rest. Fig. 3 is an enlarged detail front view. Fig. 4 is an enlarged side view. Fig. 5 is a longitudinal section of the casing and connections. Fig. 6 is a detail view of the latch-groove, and Fig. 7 is a detail view of the latch.

a designates a plate which is shaped to match the corresponding curve of the drive-wheel and is attached to the frame *c* at the base of the machine. A slit *b* is formed in the lower end of the plate *a*, through which a bolt *d* passes to adjustably secure said plate to the frame.

The plate *a* is provided above the slit with an extension *h*, having threaded therein a bolt *e*, which is also threaded to a portion of the frame *c*. A second plate *f* is slidably

journaleed on the bolt *e* by means of the hollow casing *g* on its lower end, and a coiled spring *i* is located within the casing with one end bearing against the end of the collar *m*, in which is secured the bolt *e*, so as to press the casing against the frame *c*. On one end of the casing *g* is a cam-latch *k*, which fits into a corresponding groove *l* of the frame *c* under pressure of the spring *i*.

When the machine is to be operated, the plate *f* is turned up, whereby the latch *k* will catch in the groove *l* and be held in this position; but when it is desired to use it as a foot-rest the plate *f* is forced down, so that the cam-latch rides out of the groove and the plate strikes the right-angular shoulder *n* of the extension *h*, where it will remain in a horizontal position.

Having thus fully described my invention, what I claim as new and useful is—

1. In a guard, a plate secured to the frame of the machine an extension formed thereon, a bolt secured between the extension and the frame, a casing journaled on the bolt, a lug on the casing to engage an aperture in the frame, a spring adapted to force the lug into engagement with the aperture and a second plate on the casing, as and for the purpose described.

2. In a device of the character described, a frame, a plate, secured thereto, an extension formed on said plate, a bolt secured between the extension and the frame, a casing slidably journaled on the bolt, a lug formed on the casing to engage an aperture in the frame, a spring adapted to force the lug into engagement with the aperture, a shoulder formed on the extension and a second plate on the casing adapted to engage the shoulder, as and for the purpose described.

In testimony whereof I hereunto set my hand in presence of two witnesses.

WILHELM FEHLING.

Witnesses:

ROBERT KRAYN,
W. HAUPT.