

H. RIECKE, GEB. SCHÜTZE.
 PEDAL FOR SEWING MACHINES.
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994,708.

Patented June 6, 1911.

Fig. 1.

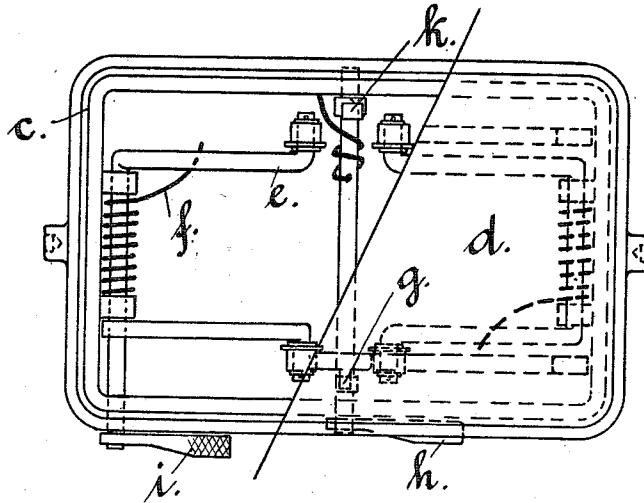
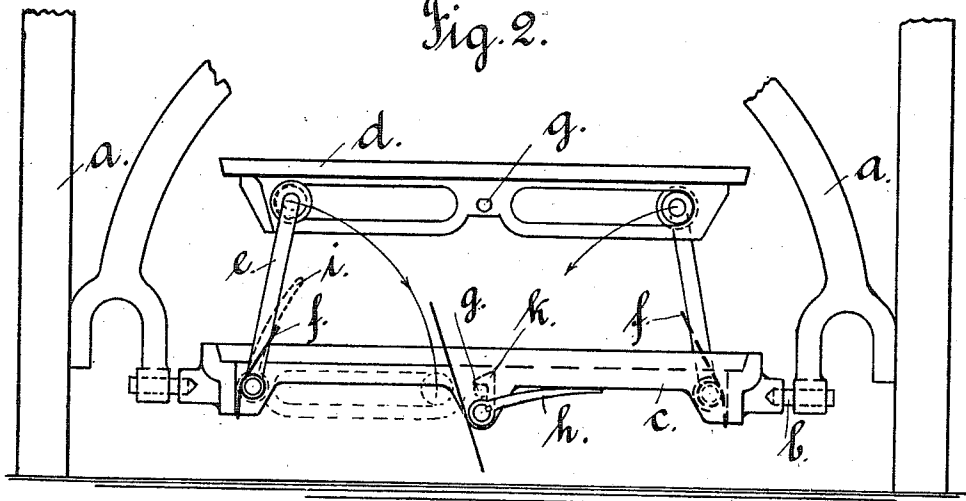


Fig. 2.



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UNITED STATES PATENT OFFICE.

HEDWIG RIECKE, GEB. SCHÜTZE, OF ELMEN-SALZE, GERMANY, ASSIGNOR TO SOPHIE SCHÜTZE, OF FORMERSLEBEN, GERMANY.

PEDAL FOR SEWING-MACHINES.

994,708.

Specification of Letters Patent.

Patented June 6, 1911.

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To all whom it may concern:

Be it known that I, HEDWIG RIECKE, *geb.* SCHÜTZE, a subject of the King of Prussia, German Emperor, residing at Elmen-Salze, Germany, have invented certain new and useful Improvements in Pedals for Sewing-Machines, of which the following is a specification.

This invention relates to the pedal of sewing machines the construction of which is improved in such a manner that the foot plate of the pedal can be raised so that the pedal forms a foot stool.

In the accompanying drawings the improved pedal of a sewing machine is shown.

Figure 1 represents in plan view the mechanism for transforming the pedal into a foot-stool. Fig. 2 shows in side elevation the pedal transformed into a foot-stool.

The improved pedal is constructed as follows:—The pedal is composed of the foot plate *d*, of the supporting frame *c* pivotally mounted by means of the pivots *b* in the feet *a* of the machine frame, and of the means for transforming the pedal into a foot-stool. The foot plate *d* is connected with the supporting frame *c* by means of the levers *e* which are each composed of a horizontal arm pivotally mounted in suitable bearings of the supporting frame and of two arms perpendicular to said horizontal arm and having their ends bent outward at right angles. Upon each of said outwardly bent ends a roller is mounted and said rollers engage each with a longitudinal slot of the foot plate *d* (Fig. 2). Strong springs *f* wound around the horizontal parts of the levers *e* serve for lifting the perpendicular arms of said levers into the upright position whereby the foot plate *d* would be lifted so that the pedal can serve as a foot stool. The foot plate *d* is retained upon the supporting frame *c* in the position where it forms a pedal, that is the normal position, by a locking hook *h* fixed upon a revoluble axle and maintained in the locking position by means of a spiral spring. Said locking hook *h* grips over a stud or pin *g* projecting from the foot plate *d*. A foot lever *i* fixed upon the front end of the axle of the locking hook serves for turning said axle in the direction opposed at the action of the spring, whereby the locking hook is pulled away from the stud *g* releasing thus the foot plate *d* which under the action of

the springs *f* upon the levers *e* is lifted to serve as a foot stool. Upon the front end of one of the horizontal arms of the levers *e* a foot lever *i* is fixed which serves for lowering the lifted levers against the action of the springs *f*.

I claim:—

1. An improved pedal for sewing machines adapted to be used as foot-stool, comprising in combination with the frame of the machine, a supporting frame pivotally mounted in the machine frame, the movable foot-plate mounted upon said supporting frame, means for lifting said foot-plate off said supporting frame so that it forms a foot-stool, means for securing the foot plate in lowered position and means for bringing said foot plate from the lifted to the lowered position, substantially as described and shown and for the purpose set forth.

2. An improved pedal for sewing machines comprising in combination with the frame of the machine, a supporting frame pivotally mounted in the machine frame, the foot plate having longitudinal slots, the means for lifting said foot plate off said supporting frame consisting of levers composed of a horizontal part revolubly mounted in said supporting frame and of two arms standing perpendicular to said horizontal part, the ends of said arms bent outward at right angles, rollers upon said bent ends engaging with the longitudinal guide slots of the foot plate, and strong springs wound around said horizontal parts of the levers and acting with their free ends upon the arms of the levers to lift the same to the upright position, means for securing the foot plate in lowered position and a foot lever fixed upon the front end of the horizontal part of one of the lifting levers for bringing the foot plate back to the lowered position, substantially as described and shown and for the purpose set forth.

3. An improved pedal for sewing machines comprising in combination with the frame of the machine, a supporting frame pivotally mounted in the machine frame, the foot plate, a stud projecting from the front side of said foot plate, means for lifting said foot plate off said supporting frame, means for bringing said foot plate from the lifted to the lowered position and means for securing the foot plate in the lowered posi-

tion consisting of a shaft revolubly mounted
in the supporting frame, a locking hook
keyed upon said shaft and adapted to grip
over the stud of the foot plate, a spring for
5 maintaining the shaft in the locking posi-
tion and a foot lever fixed on the front end
of the shaft for withdrawing the locking
hook from the stud of the foot plate, sub-

stantially as described and shown and for
the purpose set forth.

In witness whereof I have hereunto set
my hand in the presence of two witnesses.

HEDWIG RIECKE, GEB. SCHÜTZE.

Witnesses:

CLARA PETERS,

JAMES L. A. BURRELL.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
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