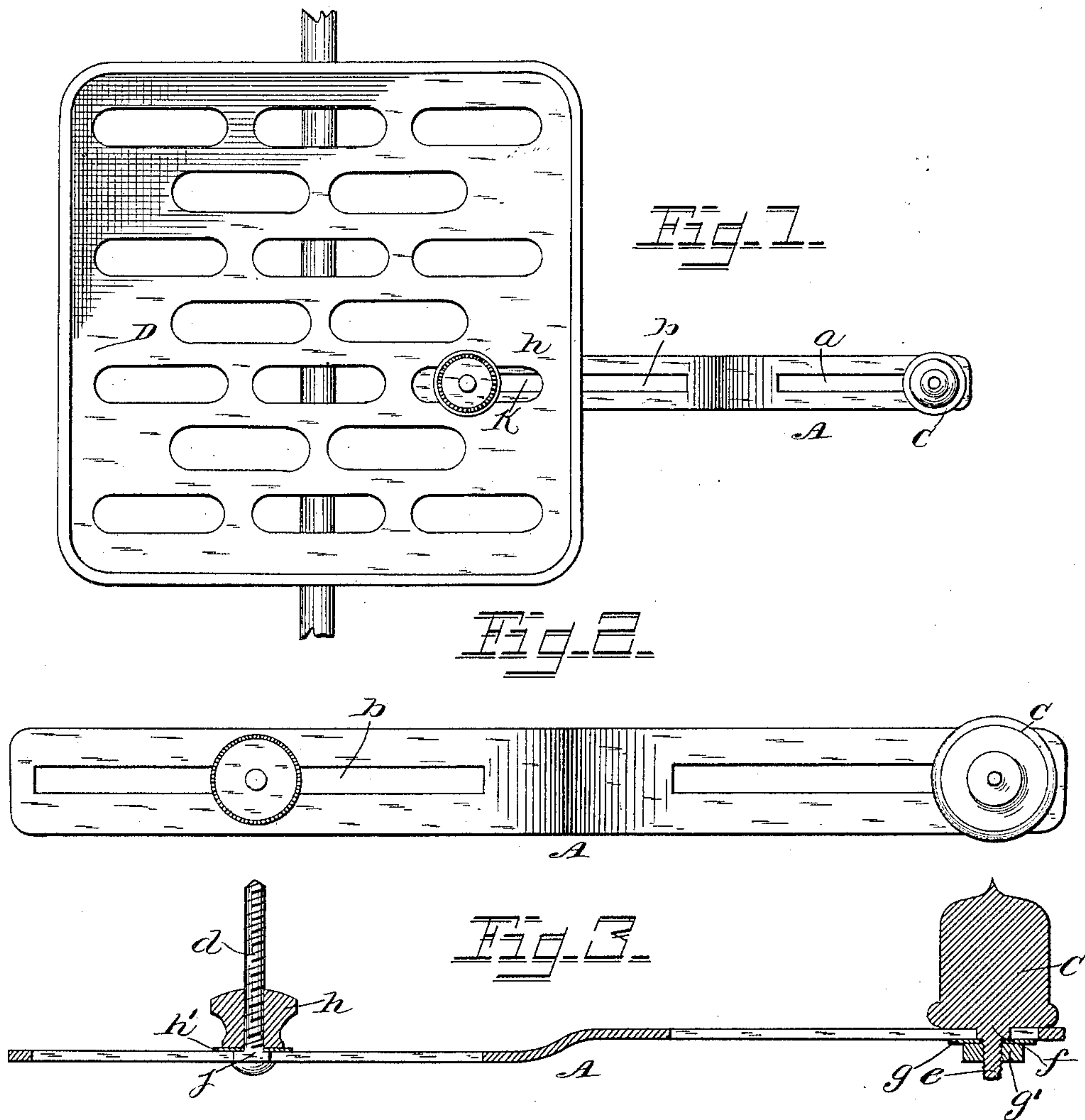


(No Model.)

A. B. McATEE.  
TREADLE ATTACHMENT.

No. 325,103.

Patented Aug. 25, 1885.



WITNESSES.  
*H. J. Schneider.*  
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# UNITED STATES PATENT OFFICE.

ALFRED B. MCATEE, OF MAYSVILLE, KENTUCKY.

## TREADLE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 325,103, dated August 25, 1885.

Application filed May 25, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, ALFRED B. MCATEE, a citizen of the United States of America, residing at Maysville, in the county of Mason and State of Kentucky, have invented certain new and useful Improvements in Treadle Attachments, of which the following is a specification, reference being had therein to the accompanying drawings.

My improved treadle attachment for sewing-machines is designed to remedy the injurious results to females arising from actuating ordinary sewing machine treadles with the fore part of the foot; and it consists in a treadle attachment which is adapted, by its peculiar construction, to be removably and adjustably applied to any ordinary sewing-machine, and in the combination and arrangement of its parts, substantially as hereinafter more fully described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a planview of my improvement attached to a treadle. Fig. 2 is a similar view thereof as detached therefrom, and Fig. 3 is a longitudinal sectional view thereof.

In the construction of my treadle attachment I provide in plate A the central longitudinal slots, *a* and *b*—the former for adjustably securing therein the counterbalancing-weight C, and the latter for reception of the screw-bolt *d*—the plate being slightly curved, as shown, to elevate the weight above the point at which the plate is attached to the treadle. The weight C has rigidly and centrally secured therein the screw *e*, having integral therewith the cross-piece *f*, which projects into slot *a* and holds the weight rigidly in position. The screw *e*, in fastening weight C to plate A, is inserted in slot *a*, and weight C is secured by nut *g*', having washer *g*, and thus constructed and arranged the weight may be readily moved forward or slid back in slot *a*, as may be re-

quired in adjusting the proper weight-leverage to be given to the treadle attachment. The treadle attachment is secured to the foot-rest D of the treadle by means of the screw-bolt *d*, having the cross-piece *j* integral with the head of the bolt. The cross-piece *j* fits into slot *b*, the head of the bolt *d* spans slot *b*, and the screw-bolt *d* is inserted in slot *k* of foot rest D, secured thereto by means of nut *h*, having washer *h'*. Thus constructed and arranged, the treadle attachment is held rigidly in the position where secured to the foot-rest of the treadle, and can only be deflected from its normal position by the operator, which may be done when it is out of use. The weight acts as a counter-balance, and may be adjusted to suit, as aforesaid, and the operator of the sewing-machine may actuate the treadle by simply elevating and lowering the heels, instead of forcing it down with the toes, the weight of the limbs thus serving to accomplish the movement of the treadle, while obviating forcible exertion of the muscles and the evil consequences resulting therefrom.

It is obvious that my invention is also applicable to all kinds and classes of machines wherein a treadle is employed in the operation of the same.

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

A treadle attachment for sewing-machines, consisting of plate A, having slots *a* and *b*, weight C, and screw-bolt *d*, adjustably secured to the treadle by said screw-bolt, substantially as shown and described.

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

ALFRED B. MCATEE.

Witnesses :

J. NOTA MCGILL,  
H. A. HALL.