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 DEVICE FOR EXHIBITING BOOTS AND SHOES.  
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914,431.

Patented Mar. 9, 1909.

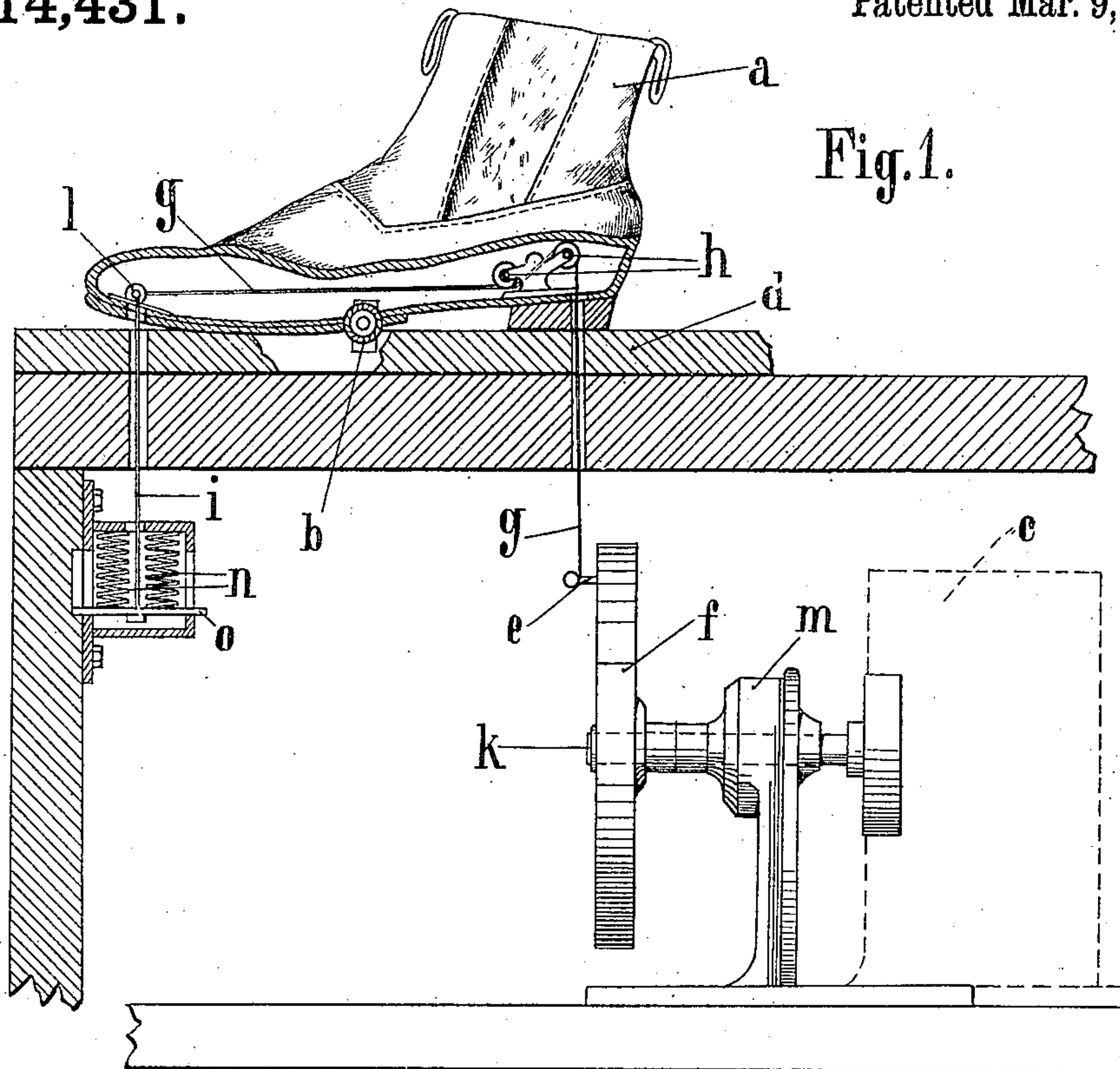
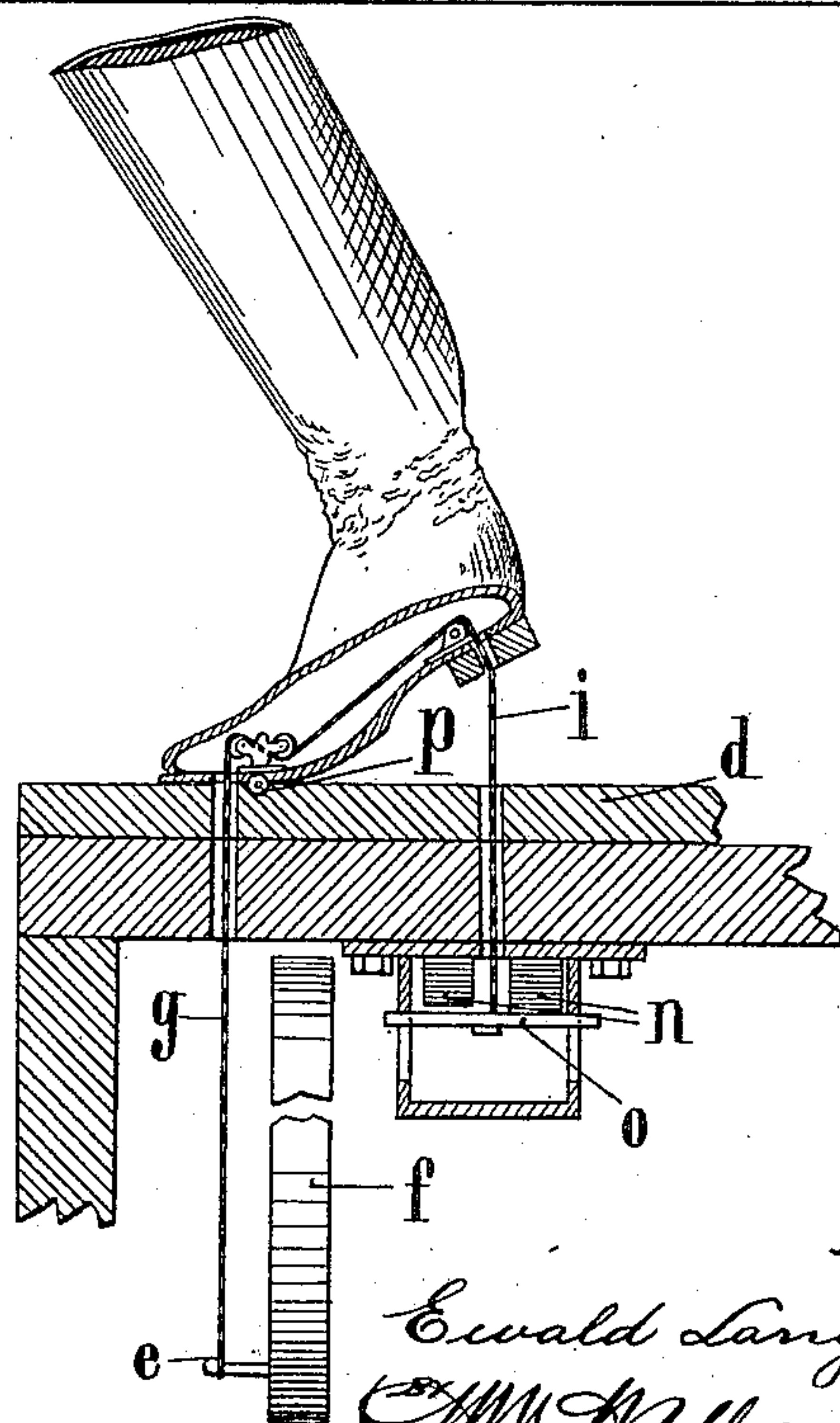


Fig. 1.

Fig. 2.



Witnesses:

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*[Signature]*



# UNITED STATES PATENT OFFICE.

EWALD LANGENHOHL, OF WERMELSKIRCHEN, GERMANY.

## DEVICE FOR EXHIBITING BOOTS AND SHOES.

No. 914,431.

Specification of Letters Patent.

Patented March 9, 1909.

Application filed December 14, 1907. Serial No. 406,545.

*To all whom it may concern:*

Be it known that I, EWALD LANGENHOHL, manufacturer, subject of Prussia, residing at the city of Wermelskirchen, Rheinland, Kingdom of Prussia, Germany, have invented new and useful Improvements in Devices for Exhibiting Boots and Shoes, of which the following is a specification.

This invention relates to an arrangement for demonstrating the flexibility and elasticity of boots and shoes in shop windows or other exhibiting places, by means of which the boot or shoe is alternately and in intervals bent and returned to its original shape and position.

The characteristic feature of my improved arrangement consists in the method of effecting the bending of the shoe or boot by means of a cord or the like, arranged so as to be hardly visible to the onlooker and actuated by a mechanical device, preferably arranged underneath the object displayed.

I will now describe my invention with reference to the accompanying drawings, in which my invention is shown by way of example, and in which:

Figure 1. shows my invention applied to a boot partly in side-view and partly in section and in which arrangement the toe of the boot is designed to be raised and Fig. 2. shows a modification in which the toe position is stationary and the heel is lifted.

In the arrangement shown in Fig. 1. the boot *a* is about centrally fastened to the supporting plate at *b*. A cord *g* or the like is fastened to the inner part of the sole near the toe at *l* from where it passes inside the boot to the heel of same, where it is conducted under one and above another roller *h*, from which it passes downward through a hole in the heel to the outside, its end being connected to the actuating mechanism. This mechanism consists preferably of a wheel or disk *f* mounted on a shaft *k* which is arranged in bearings *m* and which is driven by an electromotor *c*. The end of cord *g* is eccentrically connected to the disk by means of a pin *e* in such a manner that when the wheel *f* is rotated the cord *g* will be pulled down for half a turn of the wheel, and in performing this action will draw the fore-end of the boot nearer to the rear end of same, thus bending the front part of the boot upward, the rear part from *b* to heel remaining stationary. During the second

half turn of the wheel *f* the cord will be released from the strain and the front part of the boot will be returned to its original position by means of a cord *i* passing through an orifice in the fore end of the sole and fixed to same at *l*. The other end of this cord *i* carries a plate or a rod *z*, which is controlled by helical springs *n*. The devices for bending the boot and subsequently returning it to its position are preferably arranged underneath same.

In the arrangement according to Fig. 2. the center of the turning movement of the boot is arranged in its front part. The sole is fixed to its support near its fore-end and the cord *g* is fastened near the heel of the boot, so that the rear part of the boot will be raised and lowered.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is:

1. An apparatus for exhibiting boots and shoes comprising means for holding one part of the shoe stationary and means for raising and lowering the other part.

2. An apparatus for exhibiting boots and shoes comprising means secured to the under side of the shoe for holding one end thereof stationary, a flexible connection fixed to one end of the shoe and passing in the interior of the same to its other end, and means connected with the free end of said cord for moving the loose end of the shoe vertically.

3. An apparatus for exhibiting boots and shoes comprising means for holding one end of the shoe stationary on its under side, a flexible connection fixed to one end of the boot and passing in the interior of the same to its other end, means connected to the free end of the cord for alternately exerting a pull thereon and releasing the same, and means for returning the shoe to its normal position.

4. An apparatus for exhibiting boots and shoes comprising a stand on which the shoe is placed, said shoe having an opening in its heel and sole, and the stand having openings corresponding to said openings in the shoe, a flexible connection passing upwardly through one of the openings in the stand and in the shoe, means for securing said cord to one end of the shoe, said cord passing through the interior of the shoe to its other

end and passing downwardly through the  
other opening in the shoe and in the stand,  
means for alternately exerting a pull on the  
cord and releasing the same, and a spring  
5 connected to the other end of the cord for  
returning the shoe to normal position.

In testimony whereof I have signed my

name to this specification in the presence of  
two subscribing witnesses.

EWALD LANGENOHL.

Witnesses:

BESSIE F. DUNLAP,  
WM. VAN DORY.