

R. R. BENHAM & L. W. MILLIMAN.
SEAT ATTACHMENT FOR MACHINES.
APPLICATION FILED AUG. 1, 1911.

1,011,725.

Patented Dec. 12, 1911.

2 SHEETS-SHEET 1.

Fig. 1.

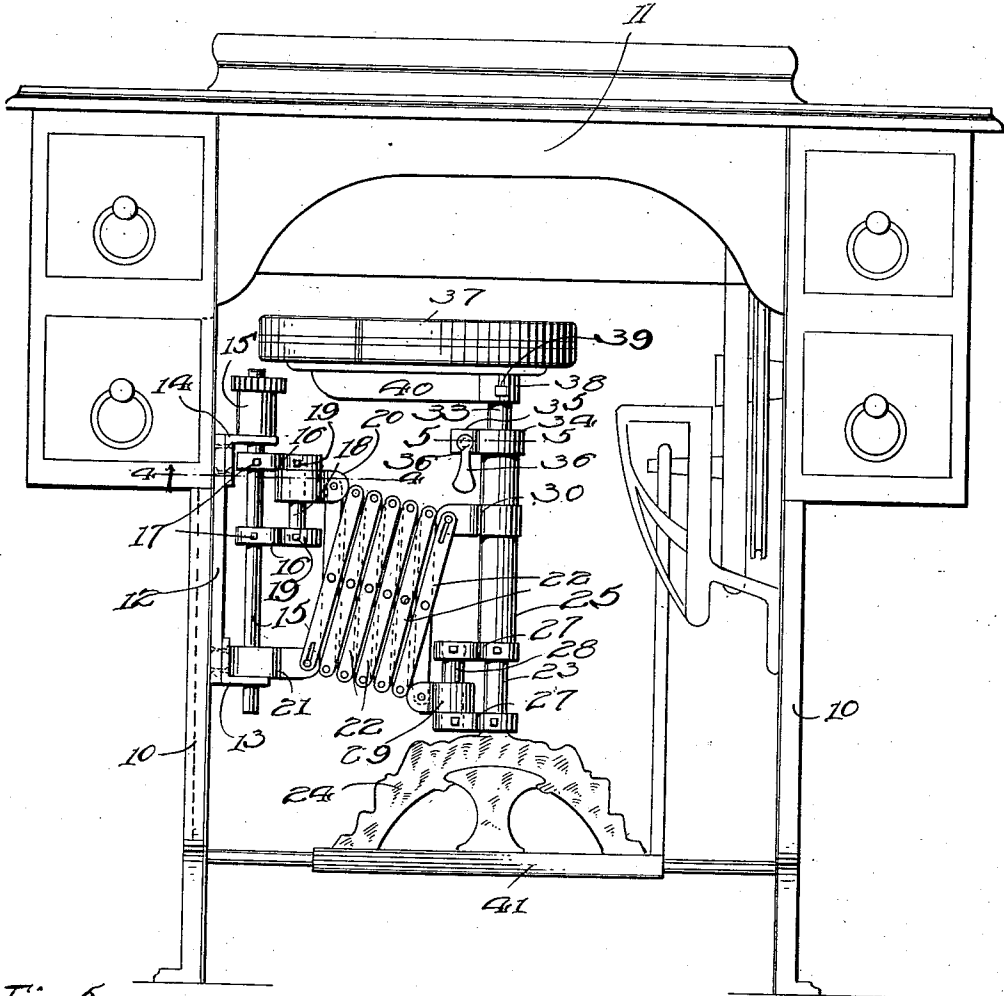


Fig. 5

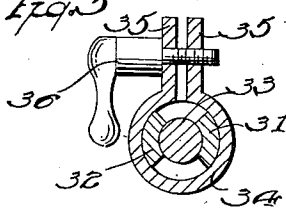
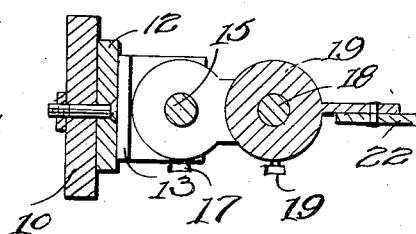


Fig. 4



WITNESSES

J. H. Mee
Ross Woodward.

INVENTORS

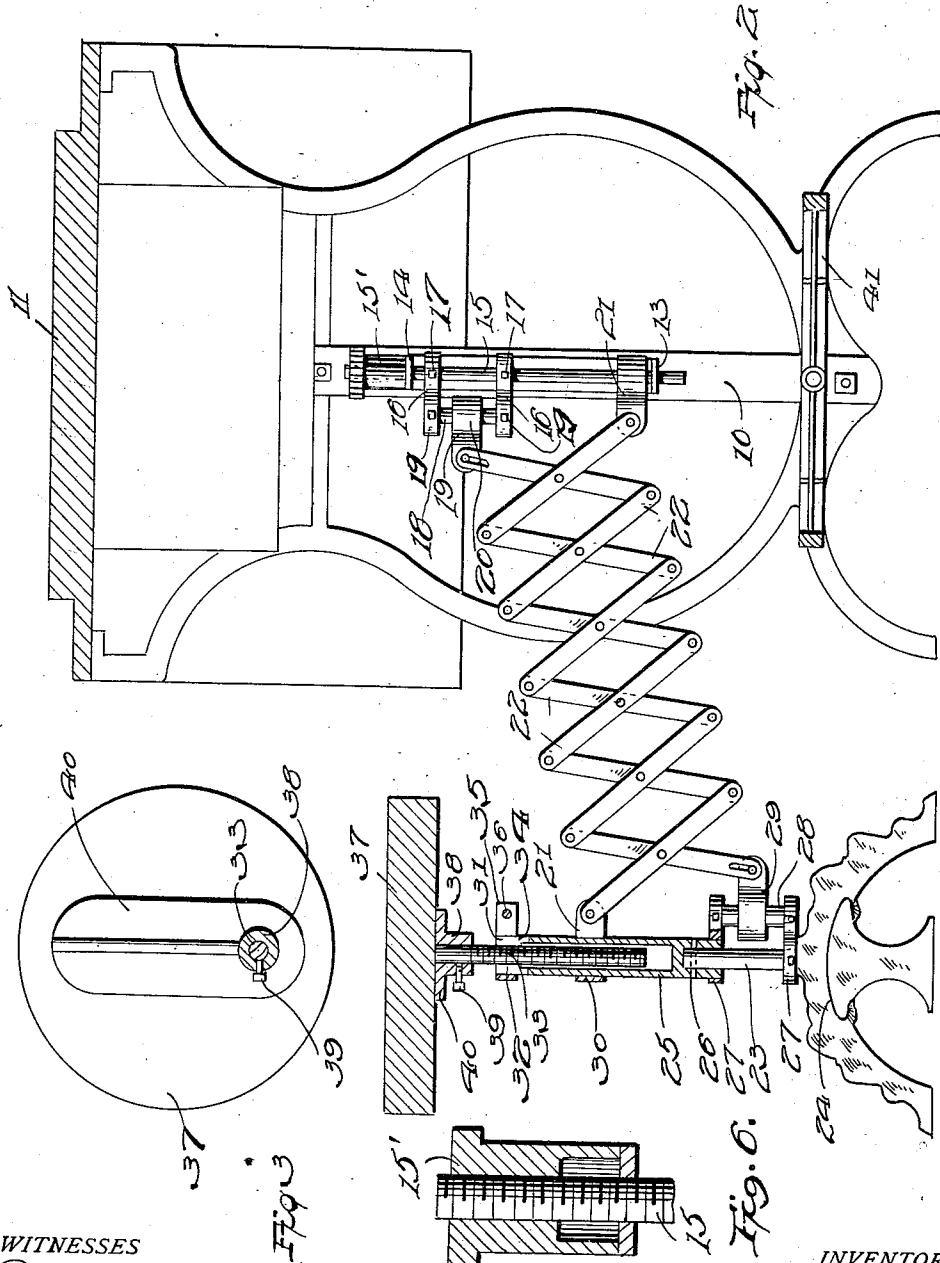
Rubie R. Benham
Leon. W. Milliman

By E. C. Freeman, Attorney.

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2 SHEETS—SHEET 2.



WITNESSES
James
Ross Woodward

INVENTOR
Rubie
Leon
R. Benham
W. Milliman
By E. C. Wooman, Attorney.

UNITED STATES PATENT OFFICE.

RUBIE R. BENHAM AND LEON W. MILLIMAN, OF WARSAW, NEW YORK.

SEAT ATTACHMENT FOR MACHINES.

1,011,725.

Specification of Letters Patent.

Patented Dec. 12, 1911.

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To all whom it may concern:

Be it known that we, RUBIE R. BENHAM and LEON W. MILLIMAN, citizens of the United States, residing at Warsaw, in the county of Wyoming and State of New York, have invented certain new and useful Improvements in Seat Attachments for Machines, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to stools and the principal object of the same is to provide an improved means for connecting the stool with a machine such for instance as a sewing machine so that the stool may be swung beneath the machine when not in use and may be pulled out when it is desired to use the same.

This invention comprises a novel type of bracket which is vertically adjustable so that by raising or lowering the bracket the distance to which the stool can be drawn up may be regulated.

In carrying out the objects of the invention generally stated above, it will be understood of course, that the essential features thereof are susceptible of changes in detail and structural arrangements one preferred and practical embodiment being shown in the accompanying drawings, wherein:—

Figure 1 is a front elevation of a sewing machine with the stool positioned beneath the machine and shown in side elevation. Fig. 2 is a section through the machine and parts of the stool and shows the stool in the extended position. Fig. 3 is a bottom plan view of the top of the seat of the stool. Fig. 4 is a section along the line 4—4 of Fig. 1, looking in the direction of the arrows. Fig. 5 is a section along the line 5—5 of Fig. 1. Fig. 6 is a section through the adjusting collar.

Referring to the accompanying drawings, it will be seen that the stool is mounted upon one of the legs 10 of the machine 11 and comprises a bar 12 having angle brackets 13 and 14 secured at its upper and lower ends. A rod 15 is mounted in the brackets 13 and 14 and is held in place by means of a sleeve 15' which is provided with an internally threaded passageway so that by turning the sleeve the rod may be vertically adjusted in the brackets. Links 16 are mounted upon the rod 15 and are secured by means of set screws 17, the outer portion of the links being joined by a rod 18 which

is secured in place by means of set screws 19. A collar 20 is slidably mounted upon the rod 18 and a second collar 21 is slidably mounted upon the lower portion of the rod 15 and rests upon the angle bracket 13. A lazy tong 22 is connected with the collars 20 and 21 and has its outer end connected with the stool.

The stool comprises a standard 23 which is connected with the base 24 and a hollow sleeve 25 is mounted upon the upper end of the standard 23 and connected therewith by means of the pin 26. Links 27 are rigidly connected with the standard 23 and sleeve 25 and carry a rod 28 upon which a collar 29 is slidably mounted. A second collar 30 is fixedly mounted upon the sleeve 25 and the outer ends of the lazy tong 22 are pivotally connected with the collars 29 and 30. The upper end of the sleeve 25 is provided with longitudinally extending slots forming jaws 31 and 32 which are internally threaded to engage the threads of the seat spindle 33.

A split collar 34 surrounds the upper portion of the sleeve 25 and has its ends 35 connected by means of the screw 36 so that the collar may be tightly clamped about the split end of the sleeve 25 and hold the seat at the desired height.

The seat 37 is provided with a socket 38 in which the upper end of the spindle 33 fits, the seat being secured thereon by means of the set screw 39. It should be noted that the socket 38 is formed upon a plate 40 which is secured to the under face of the seat and is positioned off the center so that when the seat is turned its position to the machine may be regulated.

In using this device the stool is connected with the machine and when not in use assumes the position shown in Fig. 1 with the base 24 slightly above the treadle 41. When it is desired to use the machine the stool is swung outwardly and when the lazy tong is drawn out the stool descends to the floor. By adjusting the rod 15 the extent to which the stool may be drawn out before it strikes the floor may be regulated and by adjusting the seat upon the spindle the position of the seat with respect to the machine may be regulated.

What we claim is:—

1. A bracket, a rod slidably mounted in said bracket, a sleeve adjustably mounted upon the upper portion of said rod and adapted to vertically adjust said rod, links

adjustably mounted upon said rod, a rod
connecting the outer ends of said links, a
collar mounted upon said last mentioned
rod, a collar mounted upon said first men-
5 tioned rod, lazy tongs connected with said
collars, and a stool connected with the outer
ends of said lazy tongs.

2. A stool, a collar slidably connected
with said stool, links adjustably connected
10 with said stool, a rod connecting said links,
a collar mounted upon said rod, lazy tongs
connected with said collars and a bracket
connected with the opposite ends of said
lazy tongs.

15 3. A stool comprising a standard, a sleeve

connected with the upper portion of said
standard, a link mounted upon said sleeve,
a link mounted upon said standard, a rod
connecting said links, a collar mounted upon
said sleeve, a collar mounted upon said rod, 20
lazy tongs connected with said collars and a
bracket connected with the opposite ends of
said lazy tongs.

In testimony whereof we hereunto affix
our signatures in presence of two witnesses. 25

RUBIE R. BENHAM.
LEON W. MILLIMAN.

Witnesses:

IRVING G. BOTSFORD,
HENRY R. BRISTOL.

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