

No. 872,739.

PATENTED DEC. 3, 1907.

A. B. McDANIEL.
ADJUSTABLE AND PORTABLE CARRYING STOOL.
APPLICATION FILED JULY 7, 1905. RENEWED SEPT. 21, 1907.

Fig. 1.

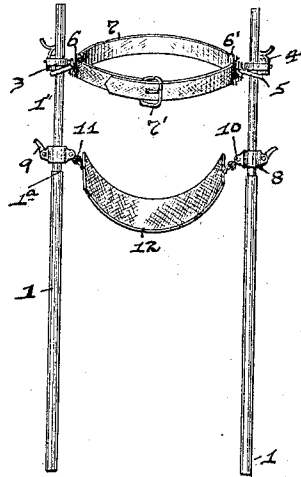


Fig. 2.

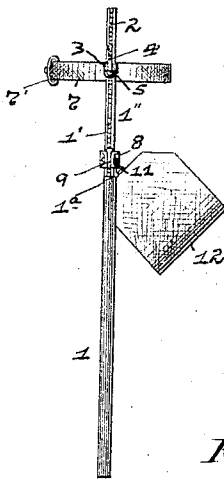


Fig. 3.

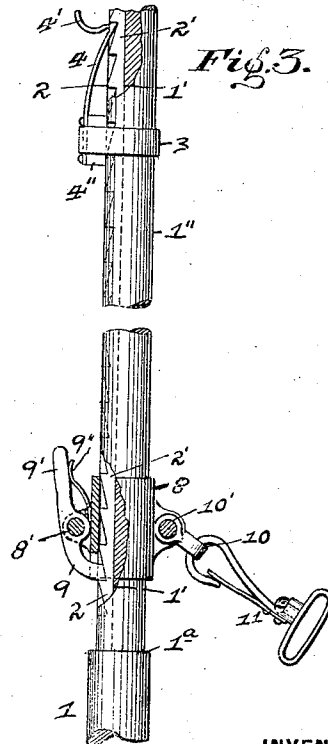
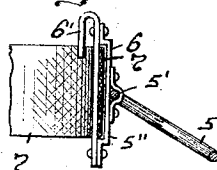


Fig. 4.



WITNESSES

Walter Samaries
R. V. Asthelum

INVENTOR

Albert B. McDaniel
By J. N. Coates
attorney

UNITED STATES PATENT OFFICE.

ALBERT B. McDANIEL, OF ALLEGHENY, PENNSYLVANIA.

'ADJUSTABLE AND PORTABLE CARRYING-STOOL.

No. 872,739.

Specification of Letters Patent.

Patented Dec. 3, 1907.

Application filed July 7, 1905, Serial No. 268,600. Renewed September 21, 1907. Serial No. 393,916.

To all whom it may concern:

Be it known that I, ALBERT B. McDANIEL, a resident of Allegheny, in the county of Allegheny and State of Pennsylvania, have
5 invented a new and useful Improvement in Adjustable and Portable Carrying-Stools; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to seats or stools and
10 has special reference to such a stool that is adjustable and portable and can be carried on the person of the party desiring to use the same.

The object of my invention is to provide
15 such a form of a seat or stool which will not be in the way of the person carrying the same in the performance of any work and will always be in position for ready and instant use for the act of sitting on the same when de-
20 sired, while at the same time it is portable and easily and quickly applied or removed from the person, and can be adjusted to suit the different heights of the person desiring to use the same as a seat or stool.

My invention consists, generally stated, in the novel arrangement, construction and combination of parts, as hereinafter more specifically set forth and described and particularly pointed out in the claims.

To enable others skilled in the art to which my invention appertains to construct and use my improved seat or stool, I will describe the same more fully, referring to the accompanying drawings, in which—

35 Figure 1 is a face view of my improved seat or stool in position as used around a person. Fig. 2 is a side view of the same. Fig. 3 is an enlarged view of a portion of one of the supporting posts or legs. Fig. 4 is a view of the
40 strap supporting loop.

Like symbols of reference herein indicate like parts in each of the figures of the drawing.

As illustrated in the drawing 1 represents
45 two supporting posts or legs which are preferably circular in cross-section and formed of wood. Each of said legs 1 are provided with a rack, gear or ratchet face 2 thereon and preferably formed on a plate 2' which is
50 secured in any suitable manner within a recess 1' formed in said legs and located at the upper end portion 1'' thereof. This upper

end portion 1'' of the legs 1 is slightly smaller than the lower portion thereof and by being made smaller forms a shoulder 1^a on said
55 legs for the purpose of preventing the dropping down of the sleeves and other parts hereinafter described from said upper end portions.

Fitting around each of the upper end por-
60 tions 1'' of the legs 1 is a slidable sleeve 3 which has a block 4'' within the outer part of the same, on which one end of a leaf spring pawl 4 is secured for engaging with the
ratchet face 2 on said legs and such pawl is
65 provided with a thumb portion 4' extending out from the engaging end thereof.

Beneath the sleeves 3 and extending
around each of the legs 1 is a loose ring 5
70 which is pivoted or hinged at its inner end, as at 5', to the outer face 5'' of a guiding-loop 6, through which a supporting strap 7 passes and has the usual buckle 7' at one end there-
of. These loops 6 are provided with a bent
75 flanged or hooked portion 6' extending inwardly from the top of the same and such portion is adapted to fit over the edge of the waist band on each side of the persons trou-
sers for the purpose of supporting my im-
proved seat or stool as hereinafter described.
80 Below the sleeves 3 and rings 5 on each of the legs 1 is another slidable sleeve 8 on the outer part of which is pivoted at 8' a pawl 9 for en-
gaging with the ratchet-face 2 and having a
thumb-piece 9' extending out therefrom un-
85 der which is a leaf-spring 9'' for holding said pawl in engagement with said ratchet in its normal position. On the inner part of each of the sleeves 8 is pivoted at 10' the ends of a
U-shaped arm 10 and to this arm is connect-
90 ed the spring-snap 11 secured to and carrying the flexible seat 12 which is formed of any suitable material such as cloth, duck, canvas, etc.

When it is desired to use my improved
95 seat or stool the parts are in place as shown in Figs. 1 and 2 and the party desiring to use the same places the parts upon his person to carry the same by inserting the top edge of his trousers waist band within the hooked
100 portions 6' on the loops 6 which will support the entire seat or stool parts and act to re-
tain them in position for use at all times, as well as the strap 7 in position around the

waist of the person. After the strap 7 is buckled around the waist in the usual manner. The slidable sleeves 3 are then slid along the posts or legs 1 to the proper height by raising the pawls 4 thereon from the ratchet face 2 on the legs through the medium of the thumb portions 4', so that when the person is standing in an erect position the said sleeves will come against the rings 5 on the strap 7 and so raise the lower ends of said legs from the floor or ground to a sufficient distance not to interfere with the movements or labors of such person. After this is accomplished the pawls 4' are allowed to spring back to engage the ratchet-faces 2 and so hold the sleeves 3 in position. The seat 12 is adjusted to its proper position for instant use by moving the slidable sleeves 8 along the legs 1 to their proper height by raising the spring operated pawls 9 from engagement with the ratchet face 2 through pressing on the thumb-piece 9' and when in position the pressure on said thumb-pieces are released to allow the pawls 9 to drop or spring back into engagement with the ratchet-face 2 and so hold said sleeves 8 in place. It will be evident that when my improved seat or stool is so held upon the person of the party carrying and using the same, that the seat 12 will be allowed to swing on the sleeves 8 by reason of the arms 10 and spring-snaps 11 connecting said seat with such sleeves and such seat 12 being naturally held at the inclined position shown in Fig. 2, so that on account of the shape of the person it will always be in place to permit such person to sit down on the same. When a person is sitting on the seat 12 the bottom of the legs 1 will come in contact with the floor or ground and will thereby allow the rings 5 on the strap 7 to slide down along the legs 1 or such legs to slide through said rings, as the case may be, thereby freeing said rings from under the sleeves 3 on said legs, to which position they will again assume when the person has again resumed a standing position in order to permit the carrying of said seat or stool and its parts.

It will be obvious that the sleeves 3 and strap 7 with rings 5 can be easily and quickly removed from the legs 1 as well as the strap from its loops 6 on said rings, while the sleeves 8 can also be easily and quickly removed from said legs and the seat 12 from said sleeves 8, so that all parts for my improved seat or stool can be packed together in a comparatively small space for standing, carrying or shipping. The parts for forming such seat or stool can also be assembled easily and quickly for use and when in position can be adjusted rapidly and conveniently when on the person.

It will thus be seen that my improved seat or stool is formed of few and simple parts and

being strong and durable will not get out of order or be liable to breakage. The device is cheap and efficient for its uses and purposes and is especially useful to operatives whose duties or labors require a standing position and in such places where the usual stool or chair could not easily be used, as on street cars, elevators, etc.

Various modifications and changes in the design and construction of the various parts of my improved stool or seat may be resorted to without departing from the spirit of my invention or sacrificing any of its advantages.

What I claim as my invention and desire to secure by Letters Patent is—

1. The combination of two supporting legs having ratchet-faces thereon, means connected to said legs for carrying the same upon the person, sleeves on said legs and adapted to engage with said ratchet-faces, and a seat connected to said sleeves and extending between said legs.

2. The combination of two supporting legs having ratchet-faces thereon, means connected to said legs for carrying the same upon the person, sleeves on said legs, spring-pawls on said sleeves and engaging with said ratchet-faces, and a seat connected to said sleeves and extending between said legs.

3. The combination of two supporting legs, a seat connected to and extending between said legs, and slidable means connected to said legs for carrying the same upon the person and for permitting the adjustment of the same in using said seat.

4. The combination of two supporting legs, a seat connected to and extending between said legs, slidably adjustable sleeves around said legs, and a strap connected to said legs for carrying the legs and seat upon the person and for permitting the adjustment of said legs in using said seat.

5. The combination of two supporting legs, a seat connected to and extending between said legs, sleeves around said legs, a strap for being connected to the person, and rings connected to said strap and fitting around said legs for carrying said legs and seat and adapted to engage with said sleeves to permit the adjustment of said legs in using said seat.

6. The combination of two supporting legs having ratchet-faces thereon, a seat connected to and extending between said legs, sleeves around said legs and adapted to engage with said ratchet-faces, a strap for being connected to the person, and rings connected to said strap and fitting around said legs and seat and adapted to engage with said sleeves to permit the adjustment of said legs in using said seat.

7. The combination of two supporting legs having ratchet faces thereon, a seat connected to and extending between said legs, sleeves around said legs, spring-pawls on said

sleeves and engaging with said ratchet-faces,
a strap for being connected to the person,
and rings connected to said strap for fitting
around said legs for carrying said legs and
5 seat and adapted to engage with said sleeves
to permit the adjustment of said legs in using
said seat.

In testimony whereof, I the said ALBERT
B. McDANIEL have hereunto set my hand.

ALBERT B. McDANIEL.

Witnesses:

J. N. COOKE,
R. H. AXTHELM.