

May 28, 1935.

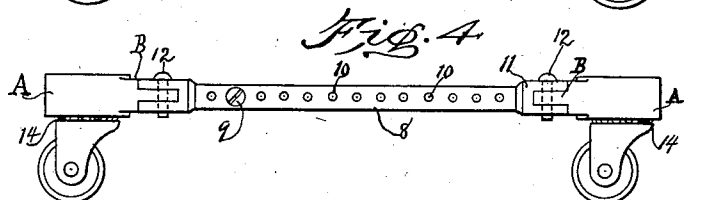
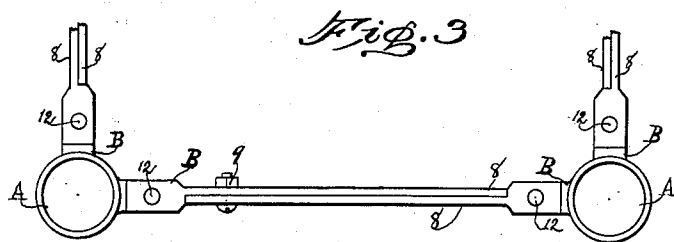
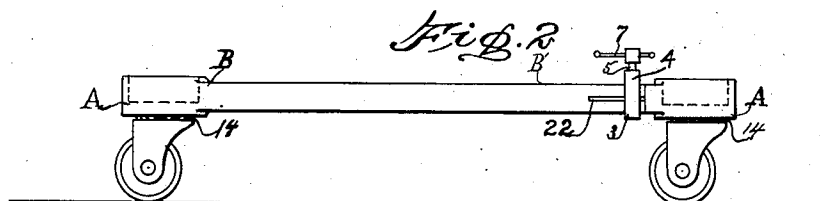
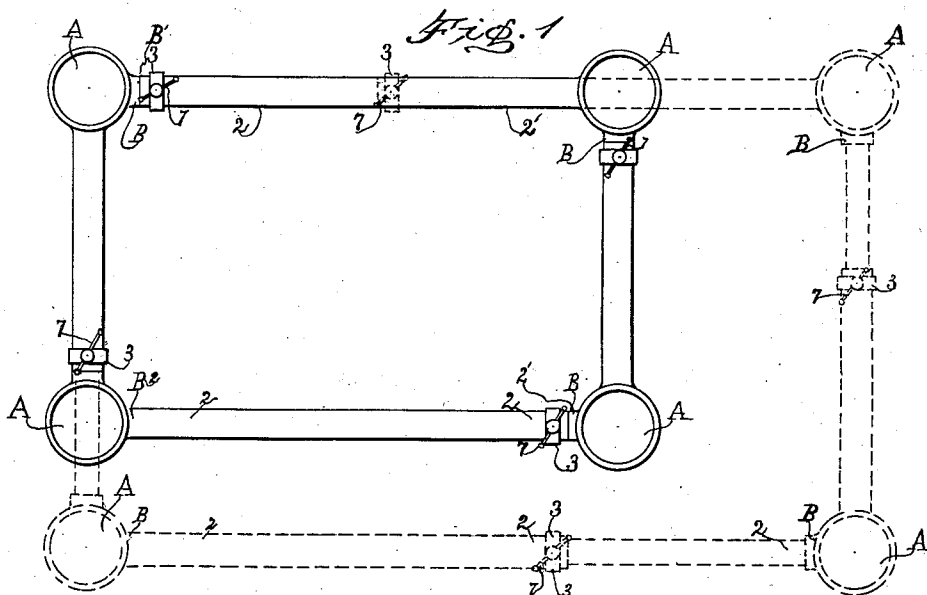
D. L. ULMER

2,003,162

ADJUSTABLE DOLLY

Filed April 28, 1933

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

Fig. 5

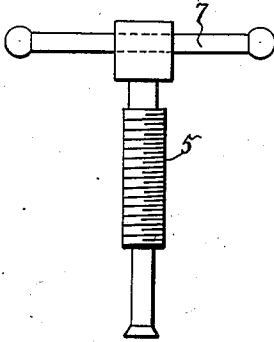


Fig. 6

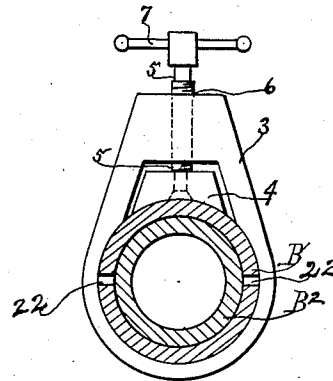


Fig. 7

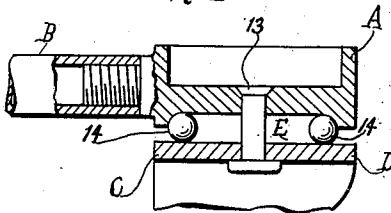
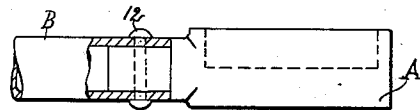


Fig. 8



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UNITED STATES PATENT OFFICE

2,003,162

ADJUSTABLE DOLLY

Donald L. Ulmer, Binghamton, N. Y.

Application April 28, 1933, Serial No. 668,410

2 Claims. (Cl. 280—35)

My invention relates to extensible wheeled supports for holding and moving structures having supporting legs thereon, of different sizes and different formations and means for adaptation to said varied sizes and has for its object to provide a support which will permit of the moving of the structure about the floor or supporting surface from one place to another and while in use, or for storage when not in use, and also to produce a movable and dirigible and adjustable frame support, easily changed in formation, narrowed or expanded for supporting a structure and permitting the structure to be removed when required from the support.

With these objects in view my invention consists of the following novel features of construction and arrangement of parts as will be hereinafter more fully described and pointed out in the claims, reference being had to the accompanying drawings in which:

Fig. 1 is a combined top plan view of my device, contracted and in expanded formation.

Fig. 2 is a side view of the device shown in Fig. 1.

Fig. 3 is a plan view of a modified form of my device provided with rectangular connecting rods.

Fig. 4 is a side view of the device shown in Fig. 3.

Fig. 5 is a side elevation of a part of my device.

Fig. 6 is an end elevation in cross section of a part of my device.

Fig. 7 is a side view partly in cross section of a fragmentary part of my device.

Fig. 8 is a side view partly in cross section of a part of my device.

The same reference characters denote like parts in each of the several figures of the drawings.

In carrying out my invention shown in Fig. 1 I provide a series of circular cups A, A, hollow in form and having projecting from one side of each cup a lug formation B, which projects in a tubular outline 2, the tube projecting from one cup formation being larger diametrically than the tube formation projecting from the opposite cup 2', formation and designed to telescope one with the other. The lug B has projecting from it the tube formation B¹, which telescopes within the opposite projecting tube formation B², and so operates in slidable union therewith. The opposite tube formation B slidably entering B¹, and so from the projecting lugs B of each cup extends the tubular formation B¹, opposite each other and one telescoping within the opposite member.

As a further part of my device I have in the outer end of the enlarged tube formation B¹ a slot 22, on each opposite side of the enlarged formation B¹, as shown in Fig. 6.

As a further part of my device I have slidably mounted on the outer surface of the tubular formation surface B¹, the ring formation 3, shown in Fig. 6, having vertically mounted therein the sliding key 4, shown in Fig. 6, which is pivotally positioned upon the vertical standard 5, in said ring 3. The standard 5 having outer thread formations 6 and having at the head thereof the sliding turn handle 7, the inner key 4 vertically moving upward and downward in the ring formation 3, and by the turning of the screw handle 7 the tubular slotted formation 22 in B¹ is drawn up and a pressure formed upon the inner tubular member B², and so the projecting formations in slidable position can be fixed and stationed at any given point as shown in Fig. 1 and Fig. 2.

As a modified form of my device I have mounted upon the cup formations A the lug projections B and B', each projection having projected therefrom a perforated flat bar 8, as shown in Figs. 3 and 4. The one flat surface projection 8 slidably contacting with the adjoining oppositely positioned formation 8 drawn together and held or drawn apart and held by the bolt nut 9 which may be inserted between the parts at any one of the many openings 10, and 10; the projecting flat members 8 and 8 shown in Figs. 3 and 4 project from and are integral with the turn head 11 which is pivotally mounted to the projected lug B, of cup A, as shown in Fig. 4, and held in pivotal position by the pivots 12 and 12, shown in Fig. 4, mounted therein and thus in this manner the projecting lugs from the cups A, A, are adapted to turn horizontally and form into varied angular positions. Through the pivoting union of the arms and lugs from the cups A, A, said arms and lugs are adapted to turn horizontally and form into varied angular positions. Through the pivoting union of the arms and lugs from the cups A and A, extends the pivot 12 and 12, as shown in Fig. 4.

Having thus described my invention, what I claim as new, and for which I desire Letters Patent is as follows:

1. In a device of the class described, a plurality of cup-shaped members each having a castor mounted thereon, lugs projecting at right angles from the sides of the cup-shaped members, perforated bars pivotally mounted on the lugs by vertical pivots, the bars of opposing lugs adapted to be moved in contiguous relationship with each

other, registering perforations in the bars, and locking means insertable in the perforations for securing the parts together.

- 5 2. In a device of the class described, a plurality of cup-shaped members each having a castor mounted thereon, lugs projecting at right angles from the sides of the cup-shaped members, perforated bars pivotally mounted on the lugs by

vertical pivots to permit said bars to swing horizontally relative to the cup-shaped members, the bars of opposing lugs adapted to be moved in contiguous relationship with each other and having registering perforations and locking means insertable in the perforations for securing the parts together.

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