July 28, 1931. D. H. MURPHY 1,815,928

PORTABLE SUPPORT FOR MASSAGE APPARATUS

Filed Jan. 7, 1931

Fig. 1

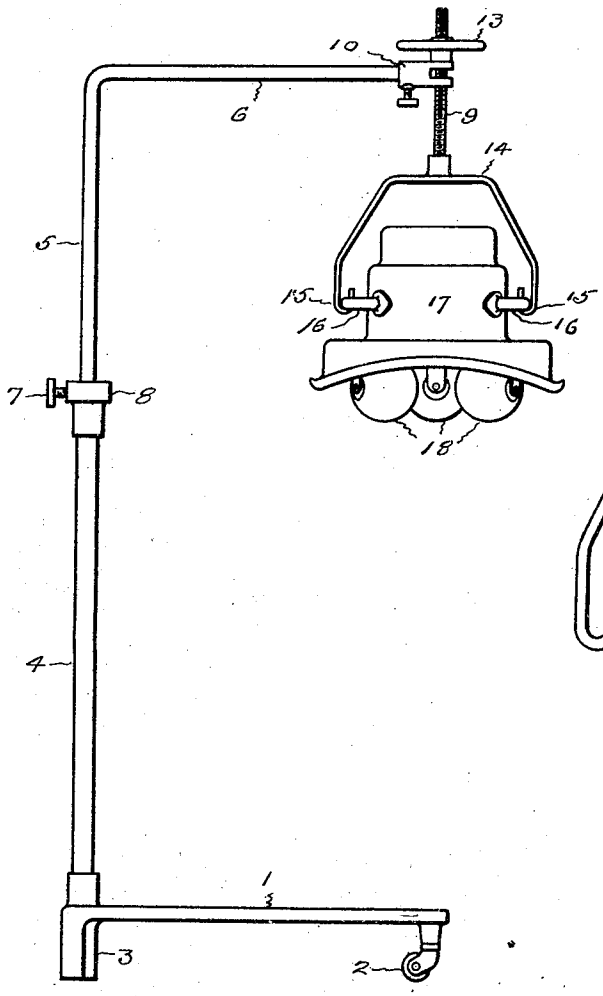


Fig. 2

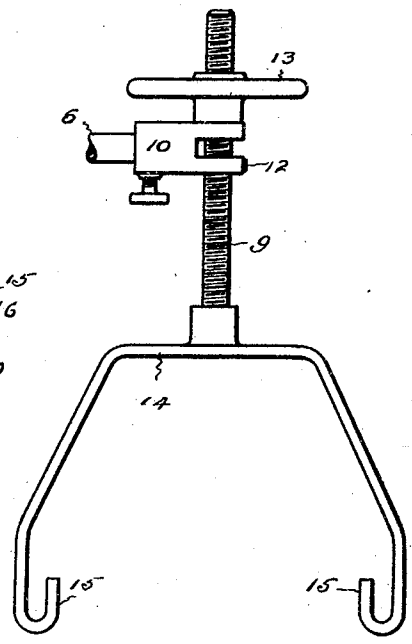


Fig. 3

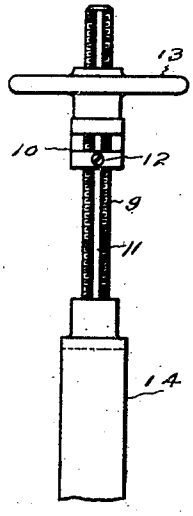
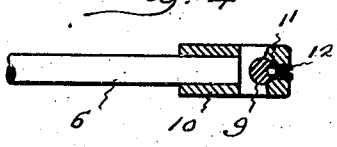


Fig. 4



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UNITED STATES PATENT OFFICE

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PORTABLE SUPPORT FOR MASSAGE APPARATUS

Application filed January 7, 1931. Serial No. 507,105.

This invention relates to a portable support which is particularly adapted for suspending apparatus that is designed to be used for massaging the abdominal portions of the body—such an apparatus, for example, as has electrically driven rotatable applicators of the character disclosed in my application for patent Serial No. 471,131, filed July 28, 1930.

The object of the present invention is to provide a simple and inexpensive support for apparatus of the type referred to, which may be conveniently moved to the side of a bed or couch and arranged in such position that the massaging apparatus may be swung over a reclining patient and readily adjusted vertically so that the applicator of the apparatus will bear upon the patient with the desired pressure and will operate in the required manner, the connection of the apparatus to the support being such that the apparatus may be instantly removed from the support when wanted for other use, that is, for use upon different portions of the body than the abdomen of a patient and in other than reclining position.

The embodiment of the invention has a relatively heavy base with a tubular post extending up from one edge. Supported by the post so as to be vertically and rotatably adjustable is a horizontally extending arm.

Vertically movable through the outer end of the arm is a threaded spindle that at its lower end has a depending bail with hooked ends which are adapted to detachably receive the handles of the massaging apparatus. A hand wheel is threaded upon the spindle above the arm in such manner that by turning the hand wheel the spindle and bail carrying the massage apparatus may be lowered and raised according to the massaging pressure to which the patient is to be subjected. The massaging apparatus is hung on the bail and the base pushed under a bed or couch. The arm is swung over and raised or lowered to accommodate the massaging apparatus to the general position of the patient, and then the hand wheel turned to adjust the massaging apparatus in such manner as to limit the downward pressure of the apparatus according to the condition of the patient, but without interfering with a slight upward movement of the apparatus.

In the accompanying drawings Fig. 1 shows a side elevation of the apparatus. Fig. 2, on larger scale, shows a side elevation of the outer end of the arm with the adjusting spindle and wheel, and the bail. Fig. 3 shows a front elevation of the parts shown in Fig. 2. Fig. 4 is a horizontal section through the end of the arm.

The base 1 of the support illustrated has casters 2 at one edge and feet 3 at the opposite edge. Extending upward from the edge over the feet is a tubular post 4 in which telescopes an extension 5. The upper end of the extension is bent at right angles to form an arm 6. A set screw 7 is threaded into a collar 8 fastened to the upper end of the tubular post for securing the extension after the arm has been elevated or lowered to the desired height and turned to the desired angular position.

The threaded spindle 9 extends freely through a block 10 fastened to the outer end of the arm. The spindle has a longitudinal groove 11 and the end of a screw 12 is threaded through the block into this groove to prevent any rotary movement of the spindle but without interfering with its vertical movement. A hand wheel 13 is threaded on the spindle above the block, and by turning this wheel the spindle may be raised or lowered. The bail 14 is fastened to the lower end of the spindle. The free ends of the bail are bent to form loops 15 which are designed to receive the handles 16 of the massage apparatus 17 that is illustrated as having rotatable ball applicators 18.

The invention claimed is:

A portable support for a massaging ap-

paratus, comprising a base, a tubular post extending upward from one edge of the base, an angular arm having a vertical limb and a horizontal limb, the vertical limb telescoping within the tubular post and adjustable vertically and angularly with relation thereto, a spindle threaded through the outer end of the horizontal limb of said arm, means for preventing the rotation of said spindle, a wheel threaded on said spindle for effecting a vertical adjustment of the spindle, and a bail fastened to and depending from the spindle, said bail having open loops at its lower ends for detachably engaging and supporting the handles of the massaging apparatus.

DANIEL HAYES MURPHY.