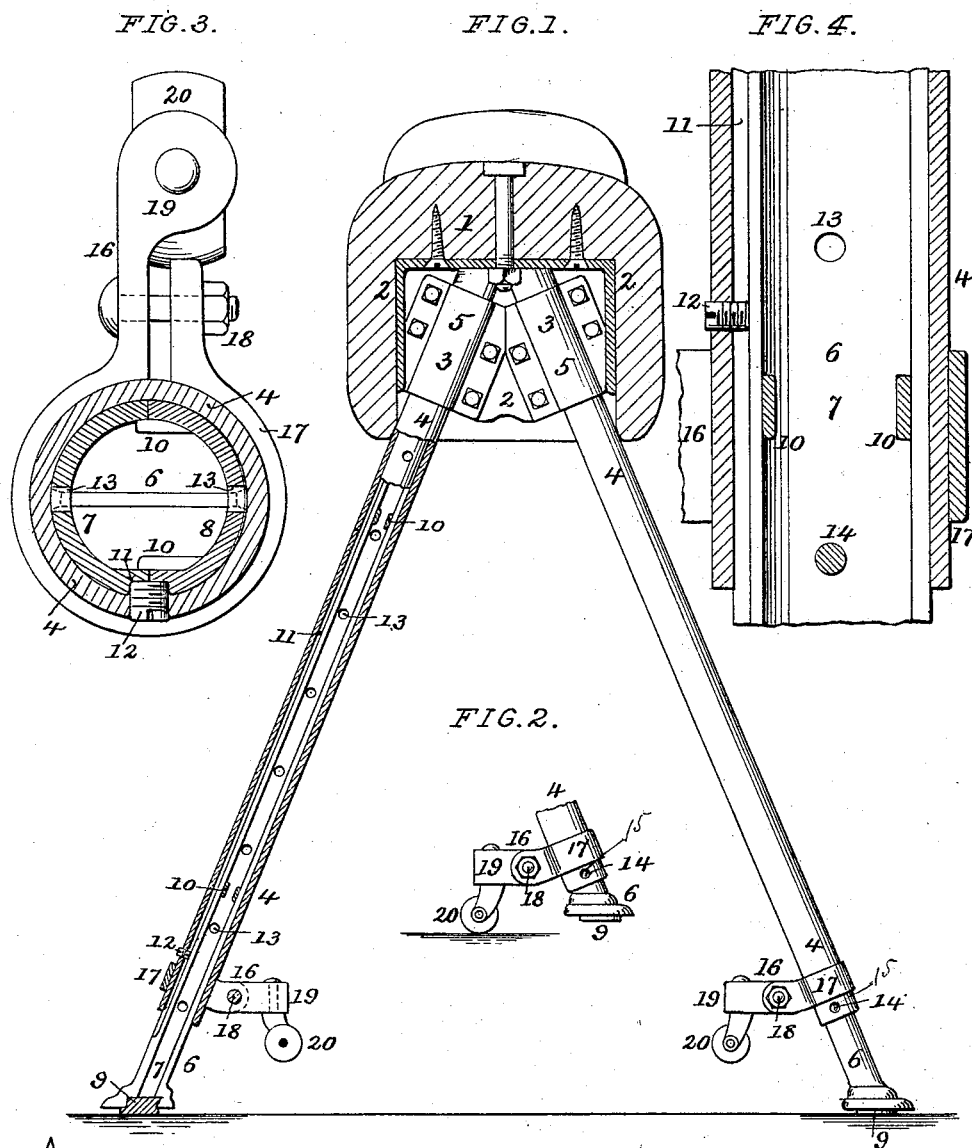


(No Model.)

F. MEDART.  
VAULTING HORSE.

No. 455,819.

Patented July 14, 1891.



ATTEST:

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# UNITED STATES PATENT OFFICE.

FREDERICK MEDART, OF ST. LOUIS, MISSOURI.

## VAULTING-HORSE.

SPECIFICATION forming part of Letters Patent No. 455,819, dated July 14, 1891.

Application filed October 7, 1890. Serial No. 367,350. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK MEDART, a citizen of the United States, residing at St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Vaulting Horses or Bucks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to exercising apparatus for gymnasiums, known as "vaulting horses or bucks;" and the present improvement has for its object to provide an improved construction for the legs or supports of such vaulting horses or bucks embodying the features of a ready adjustment of such legs to increase or decrease the height of the horse or buck, combined with a roller or caster attachment at the lower ends of the legs to afford a ready and convenient means for transporting the apparatus from place to place in the gymnasium. I attain such object by the construction and arrangement of parts illustrated in the accompanying drawings, in which—

Figure 1 is a transverse sectional elevation of a vaulting horse or buck embodying my present improvements; Fig. 2, a detail elevation showing the position of the parts when the casters are being used; Fig. 3, an enlarged horizontal section, and Fig. 4 an enlarged vertical section.

Similar figures of reference indicate like parts in the several views.

Referring to the drawings, 1 represents the body of the horse or buck, preferably of the usual hollow construction, as shown; 2, the socket-plate or casting secured within the recess or cavity in the body 1, as shown in Fig. 1, and provided with clamp-sockets 3 to receive the upper ends of the main or stationary sections or parts 4 of the legs, such sockets being of a divided construction, one part of which consists of a removable clamping-cap 5, that is secured in place by bolts, as shown, which on being screwed up acts to firmly clamp the leg-sections firmly in place, the ends of the sections 4 resting against the horizontal top web of the socket-casting, as shown; and in the present invention the series of sockets are arranged obliquely, so as to give the proper oblique position or spread to the supporting-

legs in both a transverse and longitudinal direction.

The supporting-legs consist of a tubular or gas pipe section 4, forming the upper stationary leg-section, and a lower adjustable section 6, that slides within the stationary section 4, as shown. This lower section consists of two semicircular halves or shells 7 and 8 riveted together, as shown in Fig. 3, the object being twofold, to wit: to avoid the use of a core in casting and at the same time furnish a simple and substantial means for clamping the rubber foot 9 in place by the attachment of the semicircular halves or shells 7 and 8 together. One of the halves is formed with a series of projecting ears 10, that fit into the interior of the other half to hold the parts against lateral displacement during and after the riveting operation. Each lower or movable leg 6 is formed with a longitudinal guide-groove 11, into which the end of the stud or screw 12 in the upper section projects to prevent a turning movement of the lower leg-section and hold the foot parts, hereinafter described, in their proper position.

13 are a series of adjusting-holes in the lower leg-section 6 to receive a pin 14, that passes through a single hole 15 near the lower end of the upper section 4.

At the lower end of the main stationary section 4 I arrange my improved caster or roller arrangement as follows: 16 is a bracket-arm having a clamping-sleeve 17 of a strap formation that fits around the gas-pipe section 4, and is clamped thereon by means of a bolt 18. At its other or projecting end the bracket is formed with a vertical eye 19 to receive the stem of the caster 20, of any ordinary construction.

In order to put the horse or buck on rollers or casters for the purpose of moving the same, the lower leg-section 6 is pushed up as far as it will go into the upper section, and the pin 14 then inserted to hold the parts in such position and leave the apparatus resting on the casters, so that it can be readily moved from place to place.

Having thus fully described my said invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a vaulting horse or buck for gymnasiums, the combination, with the main body

1, of the socket-casting 2, hollow stationary leg-sections 4, secured thereto and provided with an adjusting-hole 15, the lower adjustable leg-sections 6, sliding within the stationary leg-sections and provided with a series of adjusting-holes 13, and the pin 14, substantially as set forth.

2. In a vaulting horse or buck for gymnasiums, the combination, with the main body 1, of the socket-casting 2, hollow stationary leg-sections 4, secured thereto and provided with an adjusting-hole 15, locking-pin 14, and the adjustable leg-sections 6, sliding within the stationary leg-sections and provided with a series of adjusting-holes 13, such lower sec-

tions being formed of semicircular halves riveted together, substantially as set forth.

3. In a vaulting horse or buck, the combination, with the body 1 and adjustable legs made in sections 4 and 6, of the caster-brackets 16, secured to the stationary sections 4, and casters 20, attached to the outer ends of the bracket-arms, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK MEDART.

Witnesses:

W. A. HEQUEMBOURG,  
L. R. TATUM.