(No Model.)

G. O. BJORKANDER.

PEGGING JACK.

No. 508,862. Patented Nov. 14, 1893.

FIG. 1.

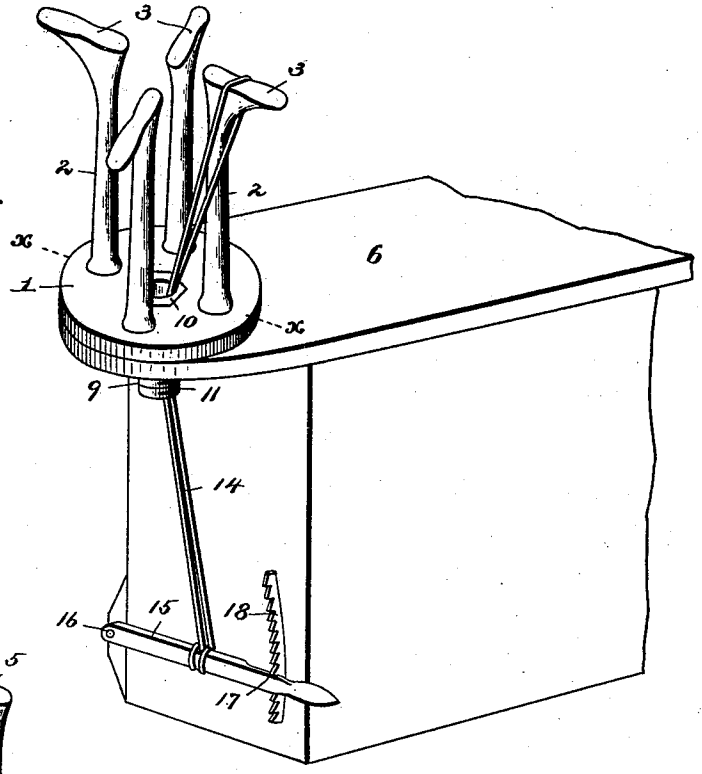


FIG. 2.

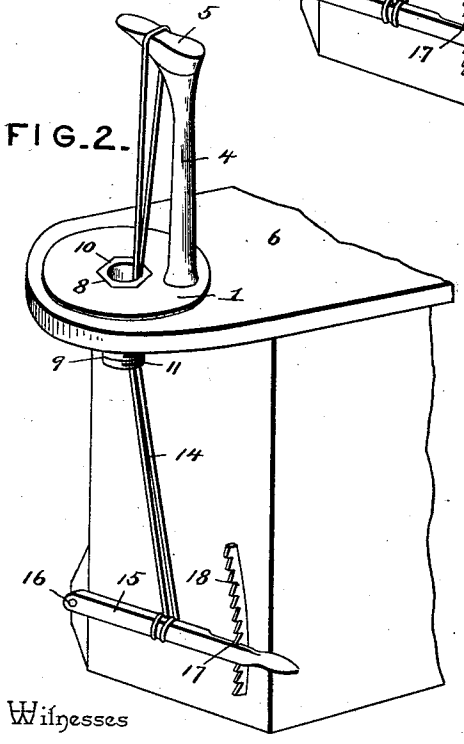


FIG. 3.

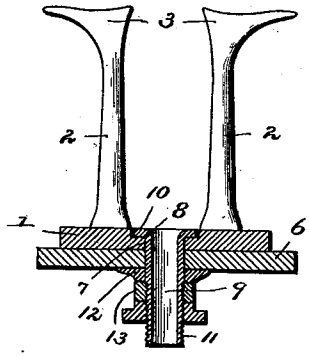
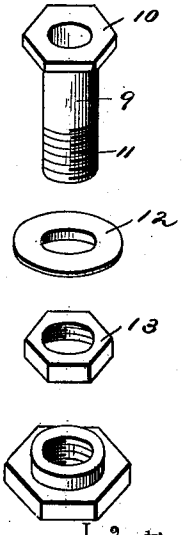


FIG. 4.



Witnesses

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PEGGING-JACK.

SPECIFICATION forming part of Letters Patent No. 508,862, dated November 14, 1893.

Application filed March 17, 1893. Serial No. 466,518. (No model.)

To all whom it may concern:

Be it known that I, GUSTAV OLSSON BJORKANDER, a citizen of the United States, residing at Eau Claire, in the county of Eau Claire and State of Wisconsin, have invented a new and useful Last-Jack, of which the following is a specification.

This invention relates to last-jacks designed to be set up in position in either single or multiple form upon tables, counters, benches, or other convenient places within stores, shops, camps, ships or wherever found useful and desirable, and has for its object to facilitate the quick adjustment or repairing of boots and shoes on lasts of different sizes mounted on a rotating base by a simple arrangement of parts that can be easily manipulated.

With this and other ends in view the invention consists of the construction and arrangement of the parts thereof as will be hereinafter more fully described and claimed.

In the drawings: Figure 1 is a perspective view of a counter, showing a multiple form of the improved device mounted on one end thereof and the lasts as stationary with the jacks. Fig. 2 is a similar view of a counter, showing a single form of jack and last mounted on one end thereof, the last in this instance being movable. Fig. 3 is a sectional view on the line *x*—*x* of Fig. 1. Fig. 4 is a detail perspective view of the connecting tube or sleeve removed, together with the parts used therewith.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, the numeral 1 designates a circular base-plate or table, which, as shown in Fig. 1, has a series of jacks 2 rising vertically therefrom with lasts 3 rigidly mounted on the upper ends thereof and of varying sizes, the toe-portions of said lasts being turned outwardly from the center of the plate or table so as to be more quickly and readily engaged. As shown in Fig. 2, the table 1 is provided with a single jack 4, having a movable last 5 on the upper end thereof.

In each of the forms set forth the plate or table 1 is rotatably mounted on the counter or support 6, to conveniently position the lasts or last for ready engagement. The center of the table 1 is formed with an opening 7, extending vertically therethrough and having an angular recess 8 at the head thereof which, as shown, is of exact hexagonal form, though other polygonal or angular forms may be adopted if so desired. The opening 7 aligns with an opening of similar diameter in the counter or support 6, and through both of said openings is passed a pivot tube or sleeve 9, having a hexagonal or other polygonal or angular head 10, that is fitted to the recess 8, to cause the said table and tube to turn together and bring the wear on the walls of the opening in the counter or support 6. The lower end of the exterior surface of the tube 9 is screw-threaded, as at 11, and over said part of the tube is movably mounted a washer 12, that bears against the under side of the counter or support 6, and when said washer is in its proper position a nut 13 is turned on the screw-threads 11 to firmly clamp and hold the said washer in position with sufficient yielding movement to permit the table 1 to be turned.

A strap 14 is passed centrally up through the tube or sleeve 9, and, as shown in Fig. 1, may be caused to act with either one of the lasts thereby causing the employment of only one strap for use in connection with a plurality of lasts, said strap always being in such position as to be conveniently grasped and drawn over the last desired to be operated upon. The said strap freely moves through the tube or sleeve 9, and the upper end or part thereof that is above the table 1 is not liable to become twisted, and is therefore always ready for use, and by this means a convenient attachment is provided for holding a boot or shoe upon the last while being operated upon. The lower end of the strap 14 is secured to a lever 15, that has its rear end pivotally connected, as at 16, and at its front inner edge is formed with a raised ratchet-engaging edge 17, that coacts with the segmental ratchet 18, adjacently secured to the support of the upper part 6, and by which means a proper tension on the strap over the shoe on the last may be applied and retained.

The lever and strap mechanism set forth is common in both of the forms shown and the arrangement is similar, thereby necessitating the description of only one set of said de-

vices; and it will also be seen that a double nut is employed in connection with the lower end of the tube or sleeve 9 in order to obtain an adjustment of the washer against the under side of the support of the table with its jacks or jack, and to sustain said adjustment to such a degree as to suit the operator.

In the form of the device shown in Fig. 1 the table, jacks and lasts are integrally constructed, while in Fig. 2 the last is loosely mounted on the jack, thereby illustrating that either form may be employed if so desired. The strap is applied as shown in Fig. 1 to thereby hold the shoe or boot with the toe against the toe-part of the last, and by means of which nails or pegs may be removed or the sole and upper otherwise manipulated as may be desired. The unoccupied lasts can be used as lap-irons for the various purposes to which the same are put, and by loosening or disconnecting the table 1 from its support the same can be turned upside down with the lasts on the floor and the table uppermost to form a stool that will be found convenient in many places and for various purposes.

It will be understood that all the parts of the device and jacks, together with the tube or sleeve, may be constructed of suitable metal, or the alloys of two metals, and of various sizes and shapes.

Changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having described the invention, what is claimed as new is—

1. The combination with a suitable support, of a table mounted thereon and having a central opening aligning with that of the support, a swiveling tube or sleeve passed upwardly through the openings of the support and table and secured to the former, and an annular series of last carrying jacks arranged upon the table concentric with the opening, said tube being adapted to receive a strap passed upward therethrough and designed to engage over any one of the series of lasts, substantially as specified.

2. The combination with a support, of a rotatable table mounted thereon and having one or more jacks carrying lasts, and an opening through the center thereof with an angular-sided recess at the upper termination of said opening, a tube or sleeve passed through said opening of the table and through the support and having an upper angular-sided head to engage the said angular-sided recess, a washer on said tube or sleeve, nuts bearing against the under side of said washer, and a strap passing upwardly through the said tube or sleeve and above the said table, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

GUSTAV OLSSON BJORKANDER.

Witnesses:
E. A. MUNNS,
C. S. LIUM.