

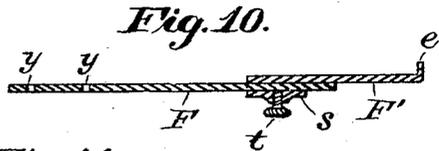
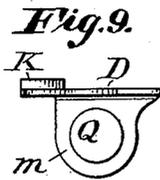
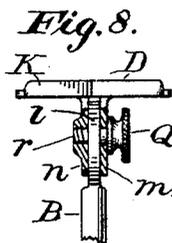
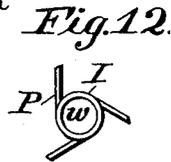
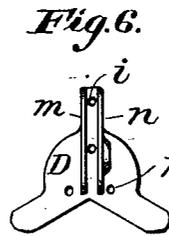
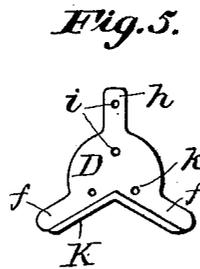
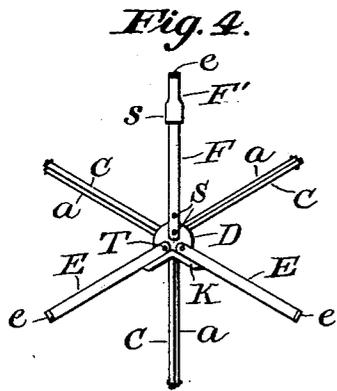
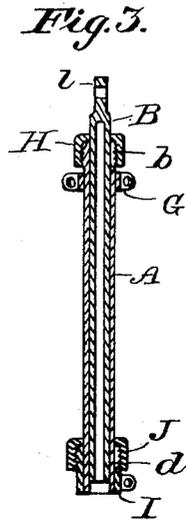
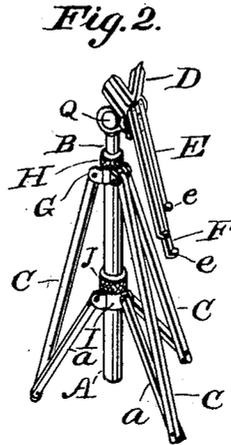
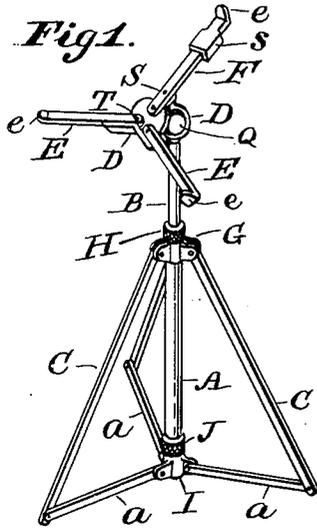
No. 624,662.

Patented May 9, 1899.

U. G. LEEDY.
DRUM STAND.

(Application filed Dec. 16, 1898.)

(No Model.)



Witnesses:

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UNITED STATES PATENT OFFICE.

ULYSSES G. LEEDY, OF INDIANAPOLIS, INDIANA.

DRUM-STAND.

SPECIFICATION forming part of Letters Patent No. 624,662, dated May 9, 1899.

Application filed December 16, 1898. Serial No. 699,421. (No model.)

To all whom it may concern:

Be it known that I, ULYSSES G. LEEDY, a citizen of the United States, residing at Indianapolis, in the county of Marion and State of Indiana, have invented certain new and useful Improvements in Drum-Stands; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to portable stands, and has reference particularly to adjustable stands upon which tenor or snare drums are supported when used in an orchestra or otherwise when the band is not marching; and it consists in an adjustable head of new and novel form of construction whereon the drum rests and adapted to be folded into a small compass when not in use, in the novel form of standard, which embodies useful improvements, and in the parts and combination and arrangement of parts hereinafter fully described and claimed.

My object is to provide a drum-stand of this character which is capable of universal adjustment, so that when placed upon the floor and the drum upon it the latter may be brought to any desired elevation and angle quietly and positively and thus secured.

A further object is to provide such a stand as may readily be folded and carried without being an obstruction and which may be cheaply constructed and durable in use.

These objects are fully attained in my invention.

Referring to the drawings, in which like letters of reference designate corresponding parts in the several views, Figure 1 represents a perspective view of a stand constructed in conformity to my invention; Fig. 2, a similar view of a stand partially folded; Fig. 3, a vertical central sectional view of the telescoping standard; Fig. 4, a top plan view; Fig. 5 a top plan, and Fig. 6 a bottom plan, of the head-piece; Fig. 7, a top plan of the leg-head; Fig. 8, a rear elevation of the head-piece, partly in section; Fig. 9, a side elevation of the head-piece; Fig. 10, a longitudinal

central sectional view of the extensible arm; Fig. 11, a rear view of the movable part of the extensible arm, and Fig. 12 a top plan of spreader-sleeve.

In constructing my stand various metals are employed for the several parts, as may be best suited, and all parts are preferably nickel-plated. Obviously I may make some or all parts of polished brass, aluminium, or other suitable metal.

In the drawings, A and B designate the stationary and movable parts, respectively, of the standard, both being preferably made of tubing, one movable vertically within the other, as shown. Near the top of the stationary part, which may be termed the "barrel" A, is a leg-head G, having a bore *v*, which is preferably cast separately and suitably secured to the barrel, and having jaws O, in which the upper ends of the legs C are pivoted. Above the head G the barrel has a slit *b* to permit contraction, and the upper end is also provided with exterior screw-threads, upon which is fitted a suitable binding-nut H, by which the movable part B or stem is clamped after adjustment.

A sliding sleeve I, having a bore *w*, is fitted over the lower portion of the barrel A and has a slit *d* and a threaded binding-nut J, by which the sleeve is clamped to the barrel at any desired position. The sleeve is provided with a suitable number of lugs P, which project tangentially from the periphery and to which spreaders *a* are pivoted at one end, while their opposite ends are pivoted to the lower portions of the legs C. This arrangement of the lugs permits the spreaders and legs to approach close to the barrel when folded, while double lugs or centrally-arranged jaws would be an obstruction to compact folding.

The head-piece D is provided at the under side with jaw-plates *m* and *n*, cast integrally, between which the flattened portion *l* of the stem, which is made disk-like, is pivoted and clamped by means of a screw-bolt Q, having a threaded end *r* fitting into a threaded hole in the plate *n*, the bolt moving freely in suitable holes in the plates *l* and *m*. The piece D has a plane top surface, except at the rear or lower edge, as usually used, where there is a raised rib K, extending along the edge of

the projections *f f*, which together support the overhang of the arms *E E*, the latter being pivoted by means of screws or rivets *T*, entering holes *k*. At the front or upper part
 5 of the head-piece is a projection *h* to support the overhang of the arm *F*, which is rigidly secured to the piece by screws or rivets *S*, entering holes *i* and *y*. Each arm *E E F* has
 10 at the outer end a turned-up lug *e*, against which a drum may rest to prevent displacement. When made to be adjustable to various sizes of drums, I make the arm *F* in two parts, the outer part *F'* having the lug *e*
 15 and also a clasp *s*, having an opening *u*, through which the outer end of the main part *F* passes and to which it is secured by a thumb-screw *t*. The arm *F* also forms a convenient handle by which the head may be controlled while being adjusted.

20 As the continuous rib *K* is designed solely as a stop for the arms *E E*, it is obvious that separate lugs at the outer ends of the projections *f f* would be equally effective. The top plate of the head-piece *D* might be in the
 25 form of a disk sufficiently large to support the overhang of the arms, so that projections for this purpose would be unnecessary and the extensible arm *F* would perform the desired functions without the separate part *F'*,
 30 and if arranged to slide bodily where connected to the head-piece, as by means of a binding-screw passing through slots, would accommodate various sizes of drums, and the particular shapes of the parts shown are designed
 35 more to insure lightness and symmetrical effect.

In practical use it will be seen that the head-piece *D*, carrying the arms for supporting the drum, may be tilted to any suitable
 40 angle, and the same, with the stem *B*, may be suitably raised or rotated to suit the performer, which is very desirable, particularly when a drummer performs also upon other
 45 instruments. When not in use, the sleeve is loosened and pushed up the barrel sufficiently to allow the legs to lie closely, and the arms *E E* are swung forward alongside the arm *F* and tilted so that the arms hang against the
 50 barrel.

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

1. A drum-stand comprising a head-piece having three projections radiating from the
 55 center of the top plane thereof, a pair of arms pivoted upon the head-piece and extending

radially over two of said projections, an arm rigidly secured to the head-piece and extending over the other one of said projections, a
 60 turned-up lug at the free end of each of said arms, a rib to support each of said pivoted arms laterally at the side opposite said rigid arm, a clamping device at the under side of
 65 said head-piece, and a supporting-stand connected to said clamping device, substantially as shown and described.

2. In a drum-stand, the combination with the stem having the blade *l*, of the head-piece *D* having the jaws *m n* engaging said blade, the bolt *Q* securing said head-piece, the piv-
 70 oted arms *E E* adapted to swing radially, the stationary arm *F* having the adjustable portion *F'* whereby drums of various sizes may be accommodated, the lug *e* at the free ends of said arms, and the stop-rib *K* for said piv-
 75 oted arms, substantially as shown and described.

3. In a drum-stand, the combination with the stem, of the head *D* having the rib *K*, the pivoted arms *E, E*, adapted to rest against
 80 said rib and to also swing upward therefrom radially, the rigidly-secured arm *F* having the extensible portion *F'*, the lugs *e* at the ends of said arms, and means whereby said head is adjustably secured to the stem, sub-
 85 stantially as shown and described.

4. In a drum-stand, the combination of a head-piece having the projections *f, f, h*, the rib *K*, the arms *E, E*, having the lugs *e*, and pivotally connected to the head-piece contiguous
 90 to said rib and adapted to swing therefrom radially, the arm *F* having the extensible part *F'* provided with the lug *e* and rigidly secured to the head-piece, said projections being adapted to support the overhang
 95 of said arms, substantially as shown and described.

5. In a drum-stand, the combination with the stem, of the head-piece *D* having the rib *K*, the pivoted arms *E E* adapted to rest against
 100 said rib and to also swing therefrom radially, the rigidly-secured extensible arm *F*, the lugs *e* at the ends of said arms, and means whereby said head-piece is adjustably secured to said stem, substantially as shown and described.
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In testimony whereof I affix my signature in presence of two witnesses.

ULYSSES G. LEEDY.

Witnesses:

WM. H. PAYNE,
 E. T. SILVIUS.