J. W. WHIPP.

TACK HOLDER.

APPLICATION FILED APR. 14, 1919.

1,327,749. Patented Jan. 13, 1920.

Fig. 1.

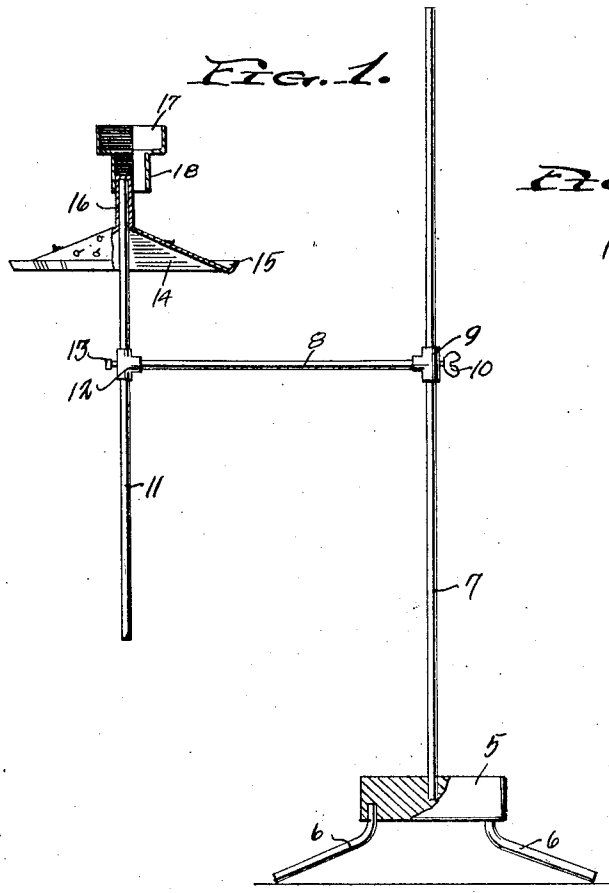


Fig. 2.

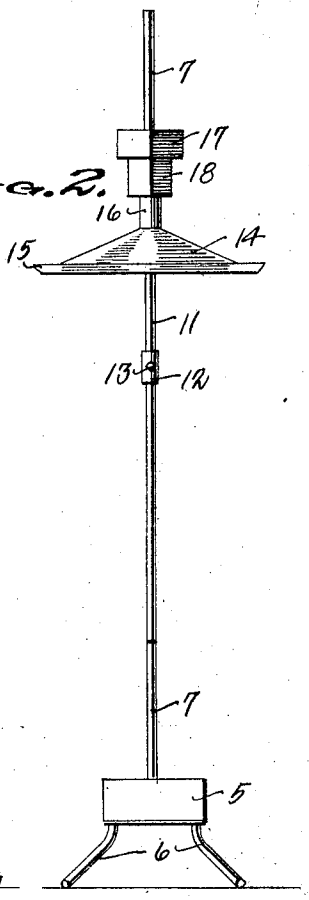
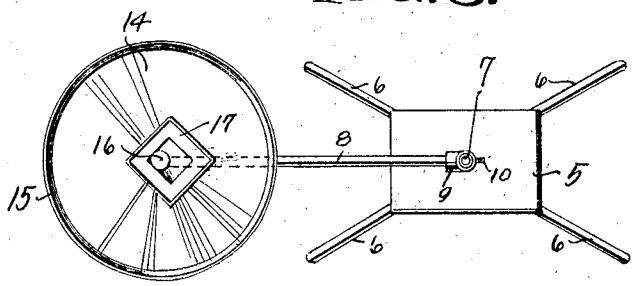


Fig. 3.



WITNESSES

G. E. Walling

H. B. Wooman

INVENTOR.

John W. Whipp

BY

Richard Bowen,

ATTORNEY.

UNITED STATES PATENT OFFICE.

JOHN W. WHIPP, OF WADE, OKLAHOMA.

TACK-HOLDER.

1,327,749. Specification of Letters Patent. Patented Jan. 13, 1920.

Application filed April 14, 1919. Serial No. 289,874.

To all whom it may concern:

Be it known that I, JOHN W. WHIPP, a citizen of the United States, residing at Wade, in the county of Bryan and State of Oklahoma, have invented certain new and useful Improvements in Tack-Holders, of which the following is a specification.

This invention is a tack holder and has for its principal object the production of an adjustable construction which is so assembled as to facilitate the holding of tacks in convenient positions where free access may be had thereto when the same are to be used.

Another object of this invention is the production of a tack holder wherein a supporting disk of a conical construction is provided upon which the tacks are dropped, whereby due to gravity the heads of the tacks will swing downwardly while the ends thereof will point upwardly, thus allowing the user to easily grip the tacks when desired.

Another object of this invention is the production of a tack holder wherein a plurality of adjustable rods are connected together to facilitate the adjusting of the support of the disk, whereby the disk may be carried at different heights according to the work the same is adjacent.

A still further object of this invention is the production of a tack holder having a tack cup directly above the disk for allowing the tacks to be placed therein and finally deposited upon the disk.

One practical form of construction and assembly of the present invention will be hereinafter described and is illustrated in the drawing, in which:—

Figure 1 is a side elevation of the tack holder portions of the device being shown in section.

Fig. 2 is a front elevation of the tack holder,

Fig. 3 is a top plan view of the device.

In the preferred embodiment of the present invention about to be described, 5 indicates the base of the supporting structure which should be heavy enough to prevent the tack holder from tipping over when in use. This base 5 has a plurality of angular legs 6 connected thereto as shown in Fig. 1 and extending therefrom as illustrated in all the figures, these legs 6 extending outwardly from the base to further assist in supporting the device. A vertical rod 7 is carried by the central portion of the base 5 and projects vertically thereabove for a considerable distance to constitute the main support of the tack holder.

The horizontal rod 8 is connected by a slidable coupling 9 to the vertical rod 7, a set screw 10 being provided for holding the coupling 9 in a desired position upon the rod 7 to retain the horizontal rod 8 in a desired horizontally adjusted position. It will of course be understood that as the set screw 10 may be loosened, the horizontal rod may be swung in a horizontal plane to extend as desired as well as being vertically adjustable.

A second vertically extending rod 11 is provided with a T-coupling 12 this T-coupling being permanently secured to the remaining end of the horizontal rod 8. It should be understood, however, that the vertical rod 11 is adapted to freely slide through the coupling 12 although a set screw 13 is provided for retaining the vertical rod 11 in an adjusted position. It will therefore be noted that the supporting structure of the tack holder is capable of considerable adjustment since the coupling 11 may be moved upwardly or downwardly along the rod 7 while the rod 11 may be moved vertically through the coupling 12 and the horizontal rod 8 may also be swung in the arc of a circle around the vertical rod 7.

A conical supporting disk 14 is provided and has an upturned flange 15 extending around its outer periphery to prevent the displacement of tacks dropped into engagement with the disk. A vertical sleeve 16 is carried by the apex of the disk 14 and is received over the upper end of the second vertical rod 11, whereby the disk is demountably supported, although when being carried upon the rod 11 is free to be turned to rotate upon the upper end of this rod.

A tack cup 17 has an enlarged neck 18 extending below the lower portion thereof it being noted that the neck 18, however, is considerably smaller than the cup 17. This neck 18 is positioned over the upper end of the sleeve 16, being secured in engagement therewith in any desired manner.

If so desired, the cup and neck can be opened throughout their entire length whereby tacks which are deposited within the cup 17 in any desired manner will fall therefrom through the neck 18 and will be dropped on the disk 14 adjacent the base of the sleeve 16. If desired, however, the passage through the cup and neck may

be closed in any desired manner and the tacks merely carried within the cup to be removed therefrom by a magnetic hammer or the like and then deposited upon the disk 14 without departing from the spirit of the present invention. However, as above stated, when the tacks pass through the cup and neck and are dropped onto the disk, 14 adjacent the apex thereof due to gravity, they will swing around with their heads extending downwardly and their points upwardly as shown in Fig. 1 thus allowing the same to be easily gripped and removed from the disk as desired without some tack extending in a position where their points are foremost and other tacks having their heads foremost. By having the heads all uniformly extending downwardly it is obvious the tacks may either be picked up by a magnetic hammer or by the hand and under all conditions the heads will be in convenient position for access thereto.

A device as herein described is particularly useful in connection with wall construction where it is desired to have the tacks carried at various heights and at various positions adjacent a wall upon which some thin material such for instance as canvas is being tacked.

It will be noted from the description hereinbefore given that the heights of the disk may be very easily regulated by the adjustment of the connections 9 upon the rod 7 and by the adjustment of the rod 11 upon the coupling 12. It should be understood also that although the elements 7, 8 and 11 are referred to as rods they may be hollow or be constructed of tubing or pipe without departing from the spirit of the present invention.

Furthermore the disk 14 is rotatably supported upon the upper end of the rod 11 while the tack cup is carried directly thereabove to deposit tacks upon the disk upon its entire upper surface whereby the tacks will be in convenient position for access thereto.

The foregoing description and accompanying drawing have reference to what might be considered to be the approved or preferred form of my invention. I desire it to be understood that I may make such changes in construction, combination and arrangement of parts, materials, dimensions, et cetera, as may prove expedient and fall within the scope of the appended claims.

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

1. In a device of the character described, the combination of a conical disk having a peripheral upturned flange, means for supporting said disk, and a tack cup supported above said disk.

2. In a device of the character described, the combination of a conical disk, having a peripheral upturned flange, a central vertically extending sleeve carried by said disk, a tack cup provided with a neck fitting over said sleeve, whereby tacks may be deposited in said cup and fall through said neck to be dropped onto said disk, whereby due to gravity the heads of the tacks will swing downwardly, and means extending into said sleeve for removably supporting said disk.

3. In a device of the character described, the combination of a conical disk having a peripheral upturned flange, means for supporting said disk, and a tack distributing means supported above said disk.

4. In a device of the character described, the combination of a conical disk having a peripheral upturned flange, a tack cup provided with a neck positioned directly over the apex of the conical disk, whereby tacks may be deposited in said cup and fall through said neck and onto said conical disk whereby due to gravity the heads of the tacks will swing downwardly, means for supporting said tack cup above said disk, and means for supporting said disk.

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

JOHN W. WHIPP.

Witnesses:
J. F. GREGORY,
S. P. MCBRIDE.