

Dec. 27, 1966

R. E. DANIELSON

3,294,298

HAMMER HOLDER

Filed Dec. 7, 1964

2 Sheets-Sheet 1

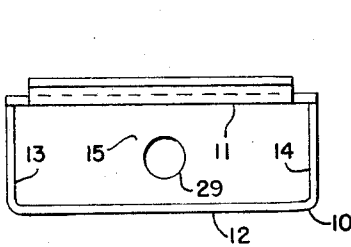


FIG. 3

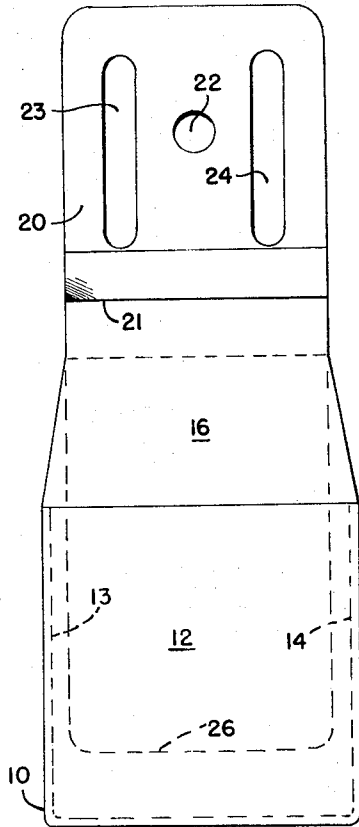


FIG. 2

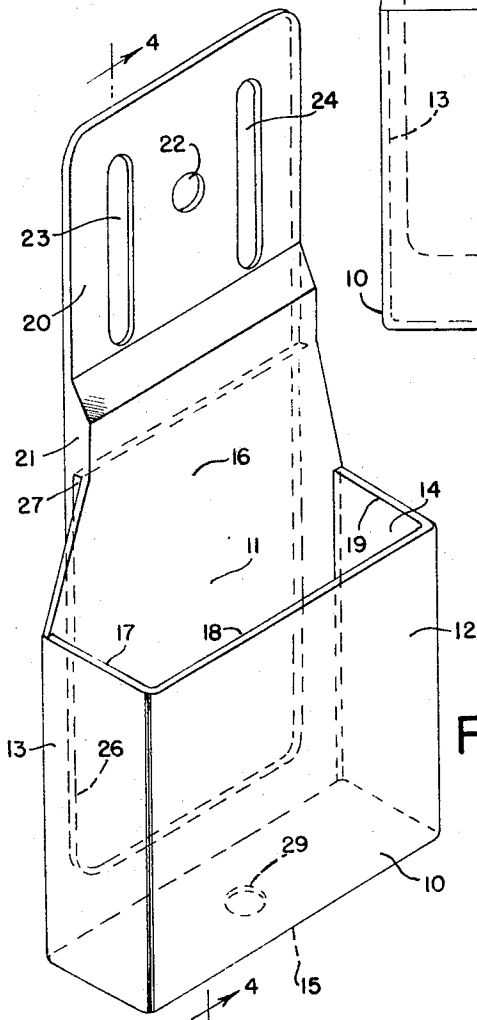


FIG. 1

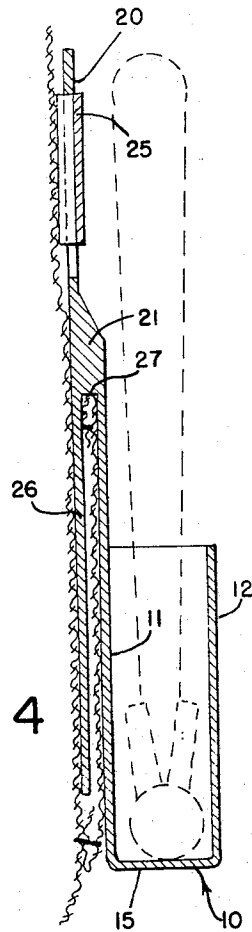


FIG. 4

INVENTOR

RICHARD E. DANIELSON

BY

*Caswell Lagaard & Wicks*  
ATTORNEYS

Dec. 27, 1966

R. E. DANIELSON

3,294,298

HAMMER HOLDER

Filed Dec. 7, 1964

2 Sheets-Sheet 2

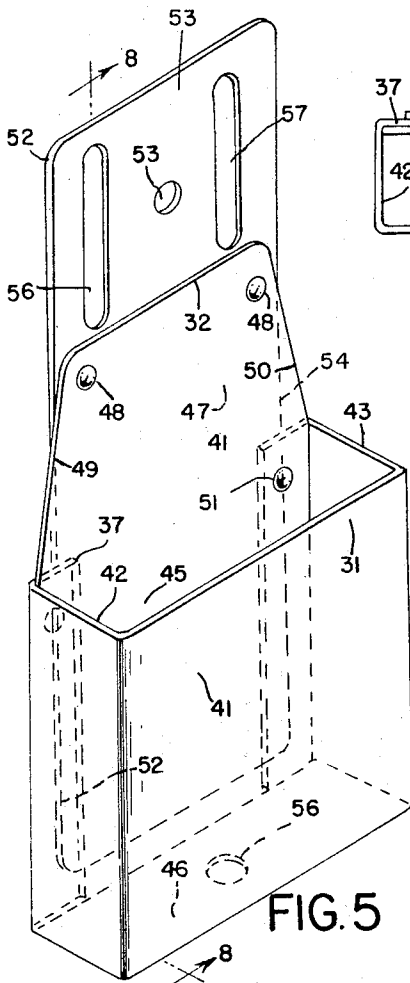


FIG. 5

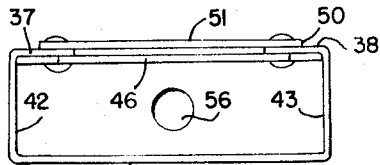


FIG. 7

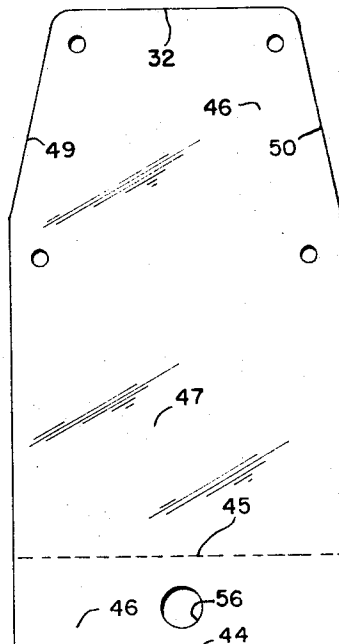


FIG. 6

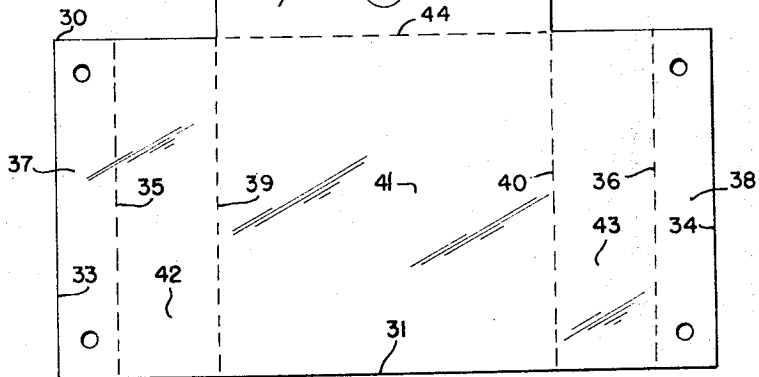


FIG. 8

INVENTOR

RICHARD E. DANIELSON

BY

*Caswell Lagaard & Wicks*

ATTORNEYS

1

3,294,298

HAMMER HOLDER

Richard E. Danielson, 6041 Newton Ave. S.,  
Minneapolis, Minn. 55419

Filed Dec. 7, 1964, Ser. No. 416,328

4 Claims. (Cl. 224-5)

The herein disclosed invention relates to hammer holders for attachment to the clothing of the user and has for an object to provide a holder such that the handle of the hammer when in the holder may be grasped in the required manner for use thereof and be withdrawn from the holder forthwith.

Another object of the invention resides in providing the holder with a receptacle having a pocket open at the top for the reception of the head of the hammer with the handle projecting upwardly.

A still further object of the invention resides in providing supporting means attached to the receptacle for holding the holder attached to the belt of the wearer.

An object of the invention resides in providing an insert attached to said receptacle and adapted to enter the pocket of the wearer to hold the holder in place.

Another object of the invention resides in providing a construction in which the parts may swing relative to each other.

A still further object of the invention resides in constructing certain of the parts from flexible material to accommodate swinging thereof.

Other objects of the invention reside in the novel combination and arrangement of parts and in the details of construction hereinafter illustrated and/or described.

In the drawings:

FIG. 1 is a perspective view of a hammer holder illustrating an embodiment of the invention.

FIG. 2 is a front elevational view of the same.

FIG. 3 is a plan view of the hammer holder shown in FIGS. 1 and 2.

FIG. 4 is a sectional view taken on line 4-4 of FIG. 1 and showing the device applied to the clothing of the wearer.

FIG. 5 is a perspective view of a hammer holder illustrating an embodiment of the invention and constructed of sheet material.

FIG. 6 is a developed view of the blank from which the receptacle is constructed.

FIG. 7 is a plan view of the structure shown in FIG. 5.

FIG. 8 is a sectional view similar to FIG. 4 taken on line 8-8 of FIG. 5 and showing the holder applied to the clothing of the wearer.

The form of the invention shown in FIGS. 1-4 is moulded in one piece to provide a receptacle 10 having a back 11, a front 12, sides 13 and 14 and a bottom 15. This receptacle is open at the top end and is of dimensions to receive the head of a hammer when the same is inserted into said receptacle as shown in dotted lines in FIG. 4. Extending upwardly from the back 10 is an extension 16 which rises above the upper edges 17, 18 and 19 of the receptacle 10. A hole 29 is formed in the bottom 15 so that water which may be collected in the receptacle 10 can drain out of the same.

Attached to the upper end of the extension 16 is a support 20 which is offset from said extension and connected thereto by means of a thickened portion 21. A hole 22 is formed in the support 20 and by means of which the holder may be hung on a hook when not desired for use. In addition to the hole 22, two vertical slots 23 and 24 are provided whereby a belt 25 may be inserted to hold the holder supported from the clothing of the user.

Extending downwardly from the thickened portion 21 is an insert 26 which lies in substantially the same plane

2

as the plane of the support 20 thereby leaving a space 27 between said insert and the back 11 of the receptacle 10.

In the use of the device, the insert 26 is inserted into the rear pocket of the user and the belt of the user runs through the slots 23 and 24. By means of this construction, the material forming the pocket is received within the space 27 and the back 11 overlies the same.

The construction shown is made of polyethylene or any other suitable material sufficiently strong to resist abusive use and is still sufficiently flexible to allow the insert 26 to swing relative to the support 20 and relative to the receptacle 10.

In FIGS. 5-8, inclusive, the invention has been shown as constructed of sheet material. In FIG. 6 the blank from which the receptacle is constructed has been shown in developed form. This blank is indicated by the reference numeral 30. The blank is cut from a sheet of material substantially rectangular in form having transverse edges 31 and 32 and longitudinal edges 33 and 34. Extending across the lower portion of the blank are longitudinal scores 35 and 36 which are close to the edges 33 and 34 and which provide flanges 37 and 38 when the blank is folded up. Inwardly of the scores 35 and 36 are other longitudinal scores 39 and 40 which form the front 41 and the two sides 42 and 43 of the receptacle. In addition to these scores two transverse scores 44 and 45 which define the front 41 and the bottom 46, the back 47 and the extension 48. The corners of the blank defined by the scores 44, 39 and 40 upwardly of the score 44 and outwardly of the scores 39 and 40 are cut away to make the width of the back 47 substantially equal to the width of the front 41 and the height of the sides 42 and 43 substantially equal to the height of the front 41. The upper portion of the extension 48 is cut away as indicated at 49 and 50 for a purpose to be presently described.

In erecting the receptacle, the blank is folded along the various scores or in a direction away from the face of the blank to give the same a form shown in FIG. 5. The flanges 37 and 38 are then riveted by means of rivets 51 to the back 47. If desired, the parts may be heat-sealed together thereby eliminating the use of the flanges 37 and 38 and rivets 51.

The support for the holder is indicated by the reference numeral 52 and is constructed from a single rectangular sheet of polyethylene of a width somewhat less than the width of the back 47 and of a length sufficient to bring the lower portion of the same when attached to the extension 48 to a suitable height to permit of attaching the same to the belt of the user. For this purpose, the support 52 is constructed so that the upper portion 53 thereof serves as a hanger for application to the belt of the user and the lower portion 54 thereof serves as an insert to be inserted in the pocket of the user. The hanger 53 is constructed with a central hole 55 and two vertical slots 56 and 57 similar to the hole 22 and the slots 23 and 24 of the other form of the invention. A drainage hole 58 is also provided in the bottom 46 which serves the same purpose as the hole 29 in the other form of the invention.

Applicant has found that plastic sheet materials called acrylonitrile, butadiene or styrene are suitable. Also relatively stiff leather may be used for the purpose.

The advantages of the invention are manifest. When the user wishes to support his hammer without laying it down, he merely grasps it by the handle and inverts the hammer so that the head is lowermost and then inserts the head in the receptacle. Upon dropping the handle the hammer stays in a vertical position as shown in FIGS. 4 and 8 ready to be grasped by the user when further needed. When constructed of a plastic material, the device will wear indefinitely and may be taken off when not in use and hung on a hook or nail. The material being flexible permits the parts to swing relative to each other

to conform to the contour of the body of the wearer and always holds the hammer in position to be readily grasped by the user.

Changes in the specific form of the invention, as herein described, may be made within the scope of what is claimed without departing from the spirit of the invention. 5

Having described the invention, what is claimed as new and desired to be protected by Letters Patent is:

1. A hammer holder comprising:

(a) a receptacle having a pocket for the reception of a hammer, said pocket being open at the top to receive the hammer head with the handle extending upwardly, 10

(b) a hanger attached to said receptacle,

(c) means for attaching said hanger to the belt of the wearer and 15

(d) an insert depending from the hanger and adapted to be received in the pocket of the wearer said insert extending substantially below the open top of the receptacle and being solely connected at its upper edge to said hanger, said connection being above the open top of the receptacle and said hanger inserted being of flexible material to permit said insert to flex relative to said receptacle to thereby conform to the contour of the body of the wearer. 20 25

2. A hammer holder comprising:

(a) a receptacle having a pocket for the reception of a hammer, said pocket being open at the top to receive the hammer head with the handle extending upwardly, 30

(b) a hanger with means for attaching said hanger to the belt of the wearer,

(c) means for swingably connecting said hanger to the receptacle and

(d) an insert constructed of flexible material and being connected solely at its upper end to said hanger above the open top of said receptacle to permit being inserted into a hip pocket of the wearer. 35

3. A hammer holder comprising:

(a) a receptacle having a pocket for the reception of a hammer, said pocket being open at the top to receive the hammer head with the handle extending upwardly, 40

(b) a hanger attached to said receptacle,

(c) means for attaching said hanger to the belt of the wearer and 45

(d) an insert and

(e) means for swingably connecting said insert at its upper end to said hanger above the open top of said receptacle to permit of being inserted into a hip pocket of the wearer.

4. A hammer holder comprising:

(a) a receptacle having a pocket for the reception of a hammer, said pocket being open at the top to receive a hammer head with the handle extending upwardly,

(b) said receptacle being constructed from bendable sheet material providing,

(c) a back,

(d) a bottom extending forwardly from said back,

(e) a front issuing upwardly from the forward edge of the bottom,

(f) sides issuing rearwardly from the lateral edges of said front,

(g) flanges issuing toward each other from the lateral edges of said sides,

(h) said flanges overlying said back,

(i) means for securing said flanges to said back,

(j) an extension extending upwardly from said back and above said sides and front,

(k) a backing secured to said extension near the upper portion of said backing and extending upwardly above said extension,

(l) means for attaching the upper portion of said backing to the belt of the user, and

(m) the lower portion of said backing overlying said back and forming an insert for insertion into a pocket of the user.

References Cited by the Examiner

UNITED STATES PATENTS

1,812,302	6/1931	Nies	224—2
2,396,118	3/1946	Ohlemeyer	224—3
2,424,302	7/1947	Brickey	224—2
2,812,891	11/1957	Carlson et al.	224—26
2,956,715	10/1960	Henderson	224—5
3,100,590	8/1963	Bohlsen	224—5

GERALD M. FORLENZA, *Primary Examiner.*

J. E. OLDS, *Assistant Examiner.*