W. H. McKEEN.

NAIL SET HOLDER.

APPLICATION FILED AUG. 27, 1908.

1,075,587. Patented Oct. 14, 1913.

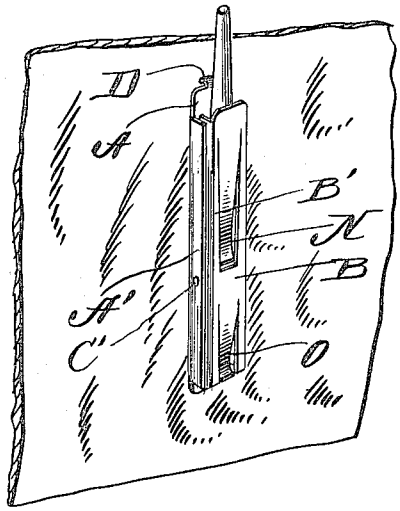


Fig. 1.

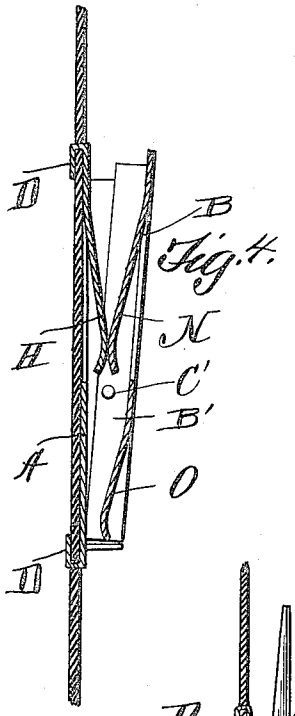


Fig. 4.

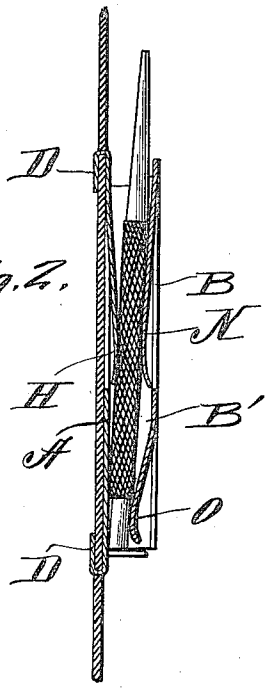


Fig. 2.

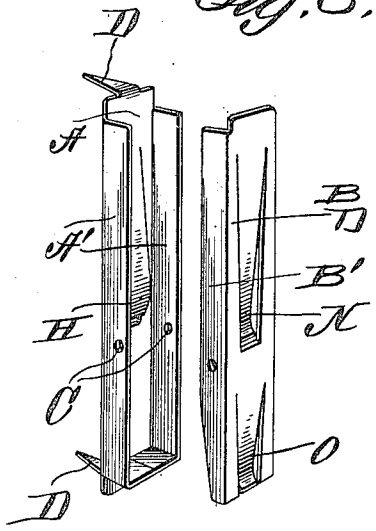


Fig. 3.

Witnesses

R. D. Boswell.

A. L. Hough

Inventor

W. H. McKeen,

By Franklin N. Hough

Attorney

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM HENRY McKEEN, OF GOLDFIELD, NEVADA.

NAIL-SET HOLDER.

1,075,587. Specification of Letters Patent. Patented Oct. 14, 1913.

Application filed August 27, 1908. Serial No. 450,573.

To all whom it may concern:

Be it known that I, WILLIAM H. McKEEN, a citizen of the United States, residing at Goldfield, in the county of Esmeralda and State of Nevada, have invented certain new and useful Improvements in Nail-Set Holders; 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in devices for holding nail sets, etc., and comprises a simple and efficient device of this character designed especially for attachment to an apron to be worn by a mechanic, and comprises various details of construction, combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view showing the device attached to a portion of an apron. Fig. 2 is an enlarged sectional view longitudinally through the device. Fig. 3 is a detail view of the parts disassembled, and Fig. 4 is a sectional view showing the device with the nail set removed.

Reference now being had to the details of the drawings by letter, A and B designate the two parts of which the device is composed, each of which is made of any suitable metal. The plate A is bent at right angles forming the flanges A′, each of which is perforated at C for the reception of pivot pins C′ whereby the two plates may be pivoted together in the manner shown. The plate B is similarly constructed with flanges B′ which are apertured to receive said pivots. The plate A is provided with integral spurs D affording means whereby the device may be conveniently fastened to an apron or to any other object by passing the spurs through the fabric and clenching. The plate A has an integral struck up portion H which is resilient and serves as means to frictionally engage the nail set when inserted between the two plates. The bottom of the plate A has its side flanges inwardly bent forming a bottom or closure against which the end of the nail set is adapted to contact. The plate B is provided with two struck up portions, designated respectively by letters N and O, the former of which is positioned above the pivot while the latter is beneath the same and extends to the bottom of the holder.

It will be noted in Fig. 4 of the drawings, that the two resilient fingers H and N coming in contact with each other and both being positioned above the pivot, will normally hold the two sections open for the reception of the nail set or other tool which may be held therein.

In inserting the nail set in the holder, the end which is first inserted comes in contact with the resilient fingers N and H, and upon pushing the nail set down into the holder, said fingers will yield, and when the inner end of the nail set comes in contact with the resilient finger O, said set will be thrown against the rear wall of the device, as shown in Fig. 2 of the drawings. When the nail set is thus inserted, it will be observed that it will be securely held in place against accidental displacement and may be readily removed by pulling upon the end thereof with sufficient force to overcome the friction between the resilient portion of the shank portion and the nail set. When the nail set is inserted in the holder, the outer plate B will be tilted slightly so that it will be substantially parallel with the plate A, as shown clearly in Fig. 2 of the drawings.

While I have described my invention as especially adapted for holding nail sets and for attachment to aprons, it will be understood that the device may be utilized in various ways for holding any article, such as mechanics' tools, pencils, etc.

What I claim to be new is:—

1. A holder comprising two plates intermediately pivoted together and spaced apart at the pivot to permit the insertion of an article between said plates past their pivot, resilient fingers struck up from said plates and extending toward each other and toward the pivot above the same, and another resilient finger struck up from one plate below the pivot and extending inwardly in the same direction as the other fingers, all for the purposes specified.

2. In a device of the character described, a bottom plate, provided with longitudinal upstanding flanges, a top plate provided with longitudinal upstanding flanges, the flanges of the top plate telescoping within

the flanges of the bottom plate, pivot pins passing through the telescoping flanges of the two plates, spring tongues carried by each of the plates and disposed above the pivot pin, the free ends of the spring tongues abutting against each other, and an additional spring tongue carried by the top plate and disposed below the pivot pins, said additional spring tongue projecting into the space between the top and bottom plates, substantially as described.

3. A holder comprising two plates intermediately pivoted together and spaced apart at the pivot to permit the insertion of an article between said plates past their pivot, resilient members extending inwardly from said plates above the pivot and normally holding them in a spread apart or open position, and an inwardly extending resilient member mounted on one of said plates below the pivot and adapted to bring said plates to a substantially parallel position when an article is inserted and pushed down between them.

4. A holder comprising two plates pivoted together and spaced apart to permit the insertion of an article between them, the pivotal point of the said plates being below their longitudinal center, opposing resilient members struck out from the plates on one side of the pivot and engaging each other to maintain the upper ends of the plates in distended relation, and another resilient member struck out from one of the said plates on the opposite side of the said pivot, the opposing members extending toward the pivot and the resilient member on the opposite side of the pivot extending from the pivot, whereby the said members are adapted to engage the article for retaining the same within the holder, substantially as described.

5. A holder comprising two plates intermediately pivoted together and spaced apart at the pivot to permit the insertion of an article between them, means above the pivot for normally holding one extremity of the said plates apart, and a resilient finger struck out from one of the said plates below the pivot, whereby the two plates are brought to a substantially parallel position when an article is inserted and pushed down between them, substantially as described.

6. In a device of the character described, a bottom plate provided with upstanding flanges along its longitudinal edges, a top plate provided with upstanding flanges along its longitudinal edges, the flanges of the top plate being disposed between the flanges of the bottom plate, pivot pins passing through the flanges of both plates, abutting spring tongues struck up on each of the plates and disposed above the pivot, an additional spring tongue struck up from the top plate and positioned below the pivot point and means carried by the bottom plate for attachment to an apron.

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

WILLIAM HENRY McKEEN.

Witnesses:
FRANK M. CHURCH,
CARRIE EDNA STEVENS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."