W. V. O'CONNOR.

PENCIL HOLDER.

APPLICATION FILED MAY 5, 1915.

1,153,105. Patented Sept. 7, 1915.

Fig. 1.

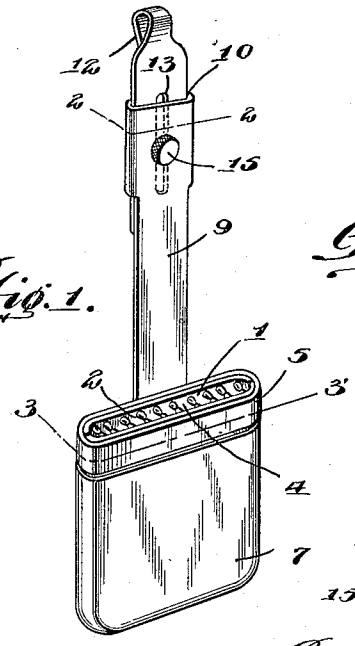


Fig. 2.

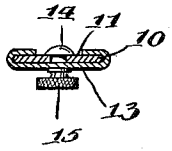


Fig. 4.

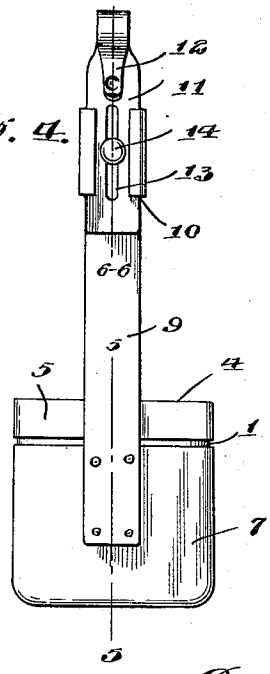


Fig. 6.

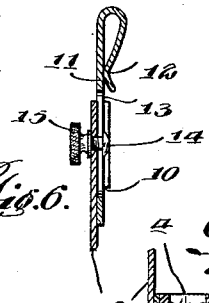


Fig. 3.

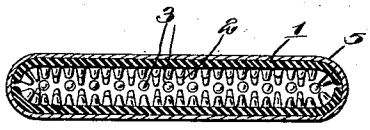


Fig. 5.

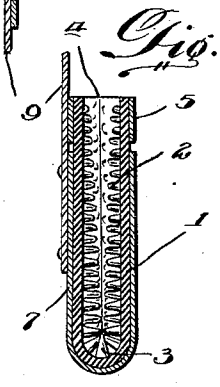


Fig. 8.

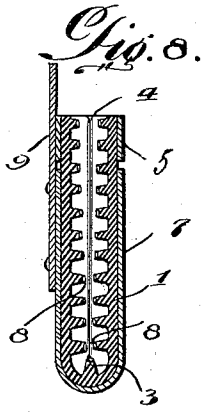


Fig. 9.

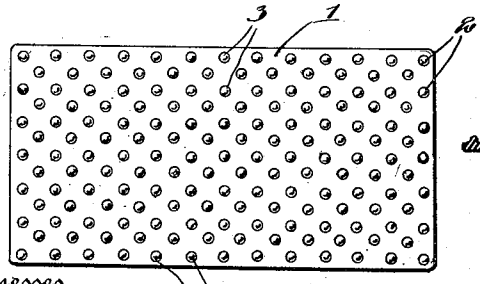
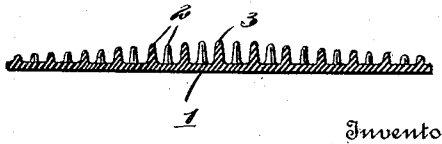


Fig. 7.



Witnesses

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PENCIL-HOLDER.

1,153,105. Specification of Letters Patent. Patented Sept. 7, 1915.

Application filed May 5, 1915. Serial No. 26,134.

To all whom it may concern:

Be it known that I, WILLIAM V. O'CONNOR, a citizen of the United States, residing at Grand Forks, in the county of Grand Forks and State of North Dakota, have invented new and useful Improvements in Pencil-Holders, of which the following is a specification.

The present invention relates to holding devices for pencils, pens and the like.

In carrying out my invention I propose to provide a holder adapted to receive the pointed ends of a pencil, fountain pen or the like which is so constructed and arranged as to effectively protect the point against breakage as well as to securely retain the pens or pencils against accidental removal. I also aim to provide a holder and protector for pointed instruments which shall include a pocket having its interior formed with spaced compressible members which so engage with the pointed end of the instrument as to sustain the same within the pocket without danger of breakage of the said point and which also frictionally engage with the instrument so that the same can only be removed from the pocket by a direct pull upon the instrument.

It is a still further object of the invention to provide a protective holder for pointed instruments which may be easily and quickly secured to the vest or other pocket of the clothing of the user which may be adjusted so as to arrange the point receiving pocket of the device in a convenient position to permit of the user readily grasping the desired instrument to remove the same from the protective pocket.

A still further object of the invention is to provide a device of this character which shall embody the desirable features of simplicity in construction, cheapness in manufacture and thorough efficiency in operation.

With the above and other objects in view, the improvement resides in the construction, combination and arrangement of parts set forth in the following specification and falling within the scope of the appended claims.

In the drawing, Figure 1 is a perspective view of my improvement, Fig. 2 is a sectional view approximately on the line 2—2 of Fig. 1, Fig. 3 is a transverse sectional view approximately on the line 3—3 of Fig. 1, Fig. 4 is a rear elevation of the improvement, Fig. 5 is a transverse sectional view approximately on the line 5—5 of Fig. 4, Fig. 6 is a similar view approximately on the line 6—6 of Fig. 4, Fig. 7 is a longitudinal sectional view of the lining shown in Fig. 9, Fig. 8 is a vertical sectional view through the pocket illustrating a modification, and Fig. 9 is a plan view of the pocket before the same is folded.

In the reduction of my improvement to practice, I provide a pocket of any desired or suitable dimensions which includes an inner lining of comparatively thick compressible material which embodies a desirable amount of resiliency to effectively engage with the opposite sides of an instrument or the like which is inserted in the mouth of the pocket. The inner lining, indicated by the numeral 1, may be constructed from a single piece or pad of rubber as illustrated in Fig. 9 of the drawing, the same being bent centrally upon itself to provide the opposite side and lower walls and if desired, the ends of said material may be secured in any desired or preferred manner. However, in practice, I have found that the ends of the lining 1 need not be connected, but the said lining is provided, upon its inner face with laterally extending spaced projections or teats 2. These teats vary in length, the longest being arranged at the bottom, and are indicated by the numerals 3. The teats upon the sides gradually decrease in length from the lowermost rows to the upper rows, so that a flaring or substantially V-shaped passage is provided between the teats. This construction is essential in successfully carrying out my invention, as the point of a pencil as well as the end of a pen is substantially cone-shaped, and the compressible teats as well as the compressible lining bear against the opposite sides of the cone-shaped end of an instrument within the pocket, while the longer teats 3 at the bottom of the pocket engage with the opposite sides of the point of the instrument to more directly afford a protection for the same, and further, should the said point of the instrument contact and lie upon one of the longer teats the same will be likewise protected against breakage. The teats are necessarily compressed by the insertion of the instrument and, to a certain extent, is also the lining 1. The teats permit of the point of the instrument being grasped not only upon its outer sides but upon almost its entire surface. The upper end or mouth of the pocket, indicated by the numeral 4, is

provided upon the outer face of the inner lining with a continuous elastic or compressible band 5, and the opposite sides of the pocket, from the lower end thereof to a point at a determined and suitable distance below the elastic band 5 has secured upon its outer surface a continuous band of thin yieldable metal, indicated by the numeral 7. The metal outer surface 7 has a tendency to force the opposite walls of the inner lining 1 toward each other, and if desired, and as illustrated in Fig. 8 of the drawing, the teats may each have its outer end provided with a depression 8, so that each of the said teats provides a separate suction cup.

Formed with or otherwise secured to the back plate of the pocket is a centrally arranged longitudinally extending strip 9, the said strip having its opposite ends inturned and formed with flanges providing ways 10 for an adjustable strip 11, and the said strip 11 has its end provided with a clip 12. The strip 11 may be provided with an elongated slot 13 through which passes the shank of a headed member 14, the said shank also passing through an opening in the supporting strip 9 and is engaged by a retaining element, such as a nut 15.

From the above description, taken in connection with the accompanying drawing, the simplicity of the device, as well as the advantages thereof will, it is thought, be perfectly apparent to those skilled in the art to which such invention appertains without further detailed description.

Having thus described the invention, what I claim is:

1. A protective pocket for pointed instruments having a lining of elastic material, an outer facing of thin resilient material, a compressible band surrounding the mouth of the pocket, a holder strap connected with the facing, and means for adjusting the said holder strap.

2. A protective pocket for pointed instruments having a lining of elastic material, an outer facing of thin resilient material, a compressible band surrounding the mouth of the pocket, a holder strap for the pocket, said holder strap comprising two members, one of which being longitudinally movable upon the other member, and means for securing the movable member to the stationary member.

3. A protective pocket for pointed instruments including an inner lining of elastic material, an outer facing of resilient material, said inner lining having spaced teats integrally formed therewith, the bottom row of teats being of the greatest length, and the said rows of teats diminishing in length from the lower rows thereof to the upper rows arranged adjacent the mouth of the body.

4. A protective pocket for pointed instruments including an inner lining of elastic material, an outer facing of resilient material, said inner lining having spaced teats integrally formed therewith, the bottom row of teats being of the greatest length, the said rows of teats diminishing in length from the lower rows thereof to the upper rows arranged adjacent the mouth of the body, and each of said teats having its end formed with a depression.

5. A protective pocket for yieldably sustaining pointed instruments having an inner lining of elastic material and an outer facing of comparatively thin resilient material, spaced teats upon the inner face of the lining, and each of said teats having its end formed with a depression.

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

WILLIAM V. O'CONNOR.

Witnesses:

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ALVINA NOVAK.

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