O. H. BRAATEN.

SEAL.

APPLICATION FILED JAN. 3, 1916.

1,174,306. Patented Mar. 7, 1916.

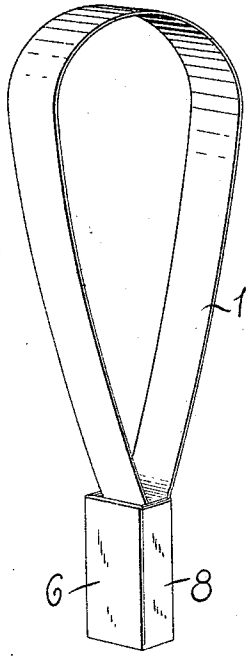


Fig. 1

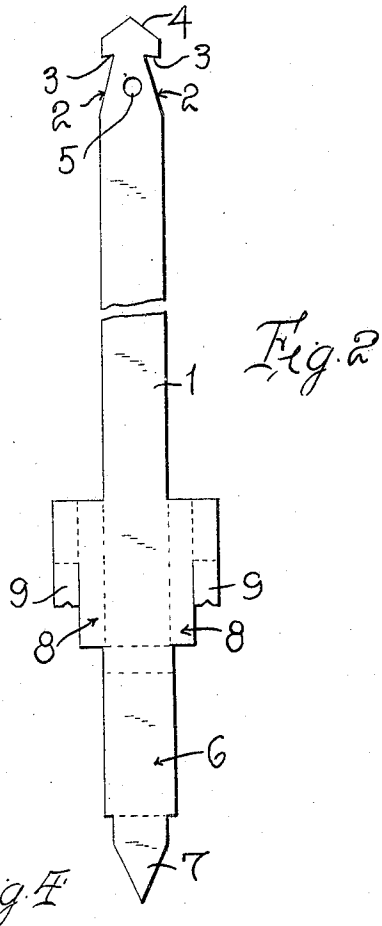


Fig. 2

Fig. 3

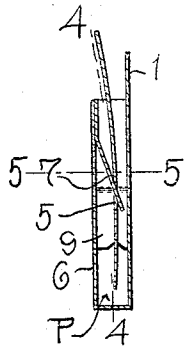


Fig. 4

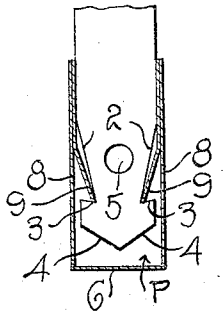
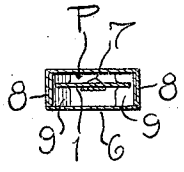


Fig. 5



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SEAL.

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To all whom it may concern:

Be it known that I, OSCAR H. BRAATEN, a citizen of the United States, residing at Halliday, in the county of Dunn and State of North Dakota, have invented certain new and useful Improvements in Seals, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in seals and has relation more particularly to a device of this general character which may be applied into operative position with convenience and facility, and it is an object of the invention to provide a device of this general character having novel and improved means whereby the opposite extremities are effectively locked together in substantially an automatic manner.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved seal whereby certain important advantages are attained and the device is rendered simpler, less expensive and otherwise more convenient and advantageous for use, all as will be hereinafter more fully set forth.

The novel features of the invention will be carefully defined in the appended claims.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawing, wherein—

Figure 1 is a view in perspective of a seal constructed in accordance with an embodiment of my invention with the extremities in interlocked connection. Fig. 2 is a view in plan of a blank from which my improved seal is produced. Fig. 3 is a longitudinal sectional view through the connected portions of the seal as illustrated in Fig. 1; Fig. 4 is a sectional view taken substantially on the line 4—4 of Fig. 3; and Fig. 5 is a sectional view taken substantially on the line 5—5 of Fig. 3.

As disclosed in the accompanying drawings, 1 denotes an elongated strip of metal capable of flexure and having its opposite longitudinal marginal portions adjacent one end notched or cut out as at 2, to afford shoulders 3 for a purpose to be hereinafter more particularly referred to, and the longitudinal marginal portions of the strip in advance of the shoulders 3 are inclined inwardly as at 4, for a purpose which is believed to be self-evident. I also find it of advantage to provide the strip 1 at a point inwardly of the shoulders 3, but in close proximity thereto, with the opening 5 which in addition to affording a locking means as will hereinafter be explained, permits the strips before being applied in operative position to be strung upon a wire or other member for convenience in carrying. The opposite end portion of the strip 1 is enlarged transversely as at 6, and terminates in the gradually reduced extension or tongue 7 which is adapted to be returned beneath the widened portion 6 and to coact with the opening 5 to afford a means whereby the extremities of the strip may be interlocked as is thought to be clearly shown in the accompanying drawings. At a point inwardly of the widened portion 6 the strip 1 is also provided with the laterally extended wings 8, each of which being bent back upon itself to afford a double thickness, and said wings are bent substantially perpendicular relative to the strip 1 to afford side walls over which the widened portion 6 is disposed in order to afford a pocket or compartment P having its inner face bent, and it is to be noted that the tongue 7 hereinbefore referred to is disposed outwardly relative to the strip. The widened portion 6 is adapted to be secured to the side walls in any desired manner but preferably by solder.

The inner plies of the side walls are of a length less than the length of the outer plies and have their inner end portions free in order to afford the inwardly disposed spring tongues 9 which automatically engage the shoulders 3 when the opposite extremity of the strip is forced within the pocket through the open end thereof. It will also be noted that the tongue 7 will automatically engage within the opening 5 whereby three distinct locking actions are afforded for maintaining the extremities of the seal in connected relation.

From the foregoing description, it is thought to be obvious that a seal constructed in accordance with my invention is of an extremely simple and comparatively inexpensive nature and is particularly well adapted for use by reason of the convenience and facility with which it may be assembled, and it will also be obvious that my invention is susceptible of some change and modification without material departure from the principles and spirit thereof and for this reason I do not wish to be under-

stood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice.

I claim:

1. A seal of the character described comprising an elongated metallic strip having notches produced in its marginal portions adjacent an end thereof to afford shoulders, the opposite end portion of the strip being provided with laterally directed wings doubled upon themselves to afford side walls, the portion of the strip in advance of the wings being returned and overlying the side walls and secured thereto, the inner plies of the side walls having their inner extremities free and disposed inwardly to produce locking springs engageable with the shoulders at the opposite end of the strip.

2. A seal of the character described comprising an elongated metallic strip having notches produced in its marginal portions adjacent an end thereof to afford shoulders, the opposite end portion of the strip being provided with laterally directed wings doubled upon themselves to afford side walls, the portion of the strip in advance of the wings being returned and overlying the side walls and secured thereto, the inner plies of the side walls having their inner extremities free and disposed inwardly to produce locking springs engageable with the shoulders at the opposite end of the strip, the free end of the returned portion of the strip being provided with a forwardly disposed tongue, the opposite extremity of the strip being provided with an opening into which the tongue is adapted to be directed.

3. A seal of the character described comprising an elongated metallic strip having notches produced in its marginal portions adjacent an end thereof to afford shoulders, the opposite end portion of the strip being provided with an elongated pocket substantially rectangular in cross section and having its inner end open, the side walls of the pocket being provided with inwardly disposed springs directed away from the inner end of the pocket, the top wall of the pocket being provided at the open end of the pocket with an inwardly disposed tongue, the strip adjacent the notches and inwardly thereof being provided with an opening into which the tongue is adapted to be directed.

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

OSCAR H. BRAATEN.

Witnesses:
H. A. NORMAN,
OLE H. BRAATEN.