

Dec. 18, 1923.

1,477,597

G. H. SCHNEIDER

UNIVERSAL CLASP

Filed Jan. 30, 1923

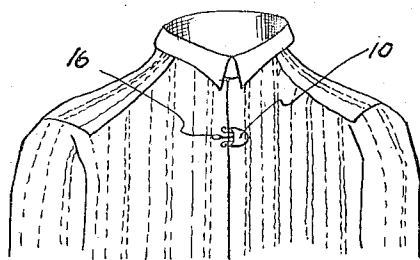
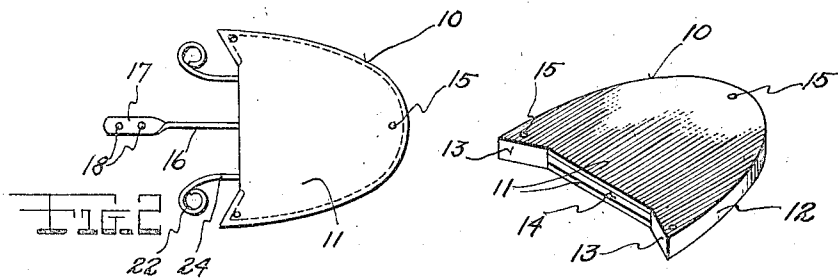
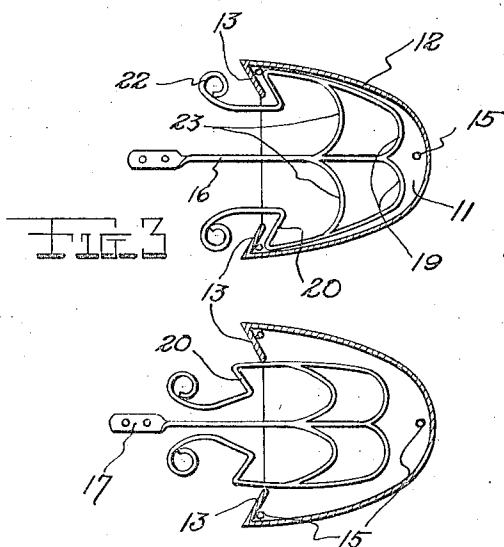
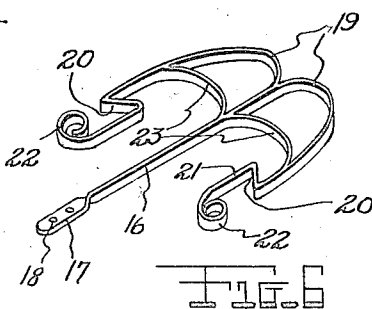


Fig. 1



INVENTOR.
G.H. Schneider

BY *Marvin Kallin*
ATTORNEY

UNITED STATES PATENT OFFICE.

GEORGE H. SCHNEIDER, OF ROCKAWAY BEACH, NEW YORK.

UNIVERSAL CLASP.

Application filed January 30, 1923. Serial No. 615,857.

To all whom it may concern:

Be it known that I, GEORGE H. SCHNEIDER, a citizen of United States, residing at Rockaway Beach, L. I., in the county of Queens and State of New York, have invented certain new and useful Improvements in Universal Clasps, of which the following is a specification.

This invention relates to improvements in clasps as used in connecting articles in confined, intimate relation in a secure manner.

One of the objects of the invention is to provide a clasp comprised of a resilient member and rigid socket, easily engageable by moderate pressure and readily separable by manipulating the resilient member at the time of retraction.

Another purpose is to produce a device that can be made of such proportions as to conform with requirements of widely varying character.

A further aim is in the provision of a spring clasp made of two parts only, each of simple construction, readily made by mechanical processes.

These objects are accomplished by the novel construction and combination of parts hereinafter described and shown in the accompanying drawing, forming part of this disclosure, and in which:—

Figure 1 is a front elevational view showing one application of the invention.

Figure 2 is a plan view of the clasp drawn to an enlarged scale.

Figure 3 is a similar view of the same, the cover of the rigid element being removed.

Figure 4 is another view like Figure 3 but showing the parts in a partially separated position.

Figure 5 is a perspective view of the rigid member of the clasp.

Figure 6 is a perspective view of the resilient member of the clasp.

The invention as shown consists of a rigid socket, generally designated by the numeral 10 composed of a pair of shield-shaped plate members 11, connected by a band 12 at their edges and angular front portions 13, there being a space 14 therebetween of parallel width, accessible at the front, and formed

through the side plates are openings 15 for the reception of fastening means.

The resilient member consists of a central bar or rod 16 having an outwardly extending flattened portion 17 provided with openings 18 for securing it in place.

The inner end of the bar is formed into branches 19 curved re-entrantly and spread to suit the interior of the member 10, the branches 19 being bent to form hooks 20 engageable with the elements 13, their parallel continuations 21 being outturned to constitute loops or eyes 22 suited to be grasped by the fingers of an operator in releasing the hooks from the elements 13.

Spring braces 23 connect between the bar 16 and relatively straight portions of the elements 19, thereby reinforcing and stiffening the sides to the required degree.

The operation of closing the clasp is merely to insert the curved portion of the resilient element in the space 14 and press the same into engaging position.

To unclasp the device, the elements 22 are pressed towards each other sufficiently to release the hooks 20, as best seen in Figure 4, and then drawn apart.

From the foregoing it will be seen that a neat and simple device for the purpose of attaching articles together has been disclosed and that the same is widely applicable to a wide variety of articles.

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

A clasp comprising a flat shield shaped socket having an opening at the front, in-reaching angular walls at the ends of the opening, a rod having symmetrically branched resilient members enterable in the opening, hooks on said branches engageable against the inner sides of said angular walls, integral reinforcements interposed between said rod and each of said branches, and means for contracting said branches to permit their withdrawal from said socket.

In witness whereof I have affixed my signature.

GEORGE H. SCHNEIDER.