

Oct. 6, 1925.

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F. B. WENDEL

GEM MOUNTING

Filed Feb. 7, 1925

Fig. 1

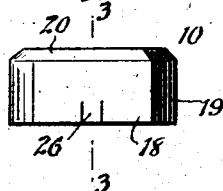


Fig. 2,

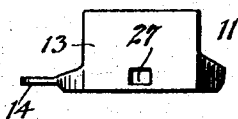


Fig. 3,

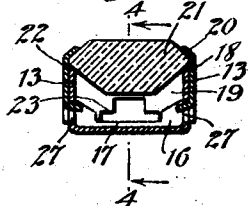


Fig. 4,

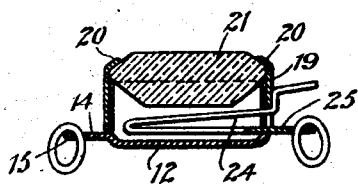


Fig. 5,

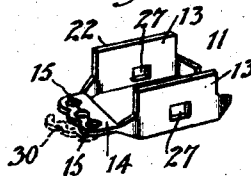
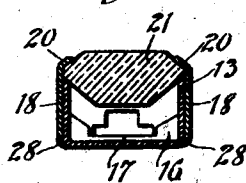


Fig. 6.



WITNESSES

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# UNITED STATES PATENT OFFICE.

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## GEM MOUNTING.

Application filed February 7, 1925. Serial No. 7,645.

*To all whom it may concern:*

Be it known that I, FRANS B. WENDEL, a citizen of the United States of America, and resident of Cranford, in the county of Union and State of New Jersey, have invented a new and Improved Gem Mounting, of which the following is a full, clear, and exact description:

This invention relates to gem mountings or settings for use in clasps for connecting the ends of necklaces, bracelets and similar articles of jewelry or for other similar use.

At the present time, the body of clasps of this type which are of hollow construction, have been made with an open side for the reception of the stone, after which the edges of the open side are rolled over to form a retaining flange. This is necessarily a difficult operation and requires the services of a skilled mechanic in addition to time and labor which adds to the expense of manufacturing.

It is therefore the object of the present invention to overcome the above recited disadvantages by providing a gem mounting in which the body is formed of telescopically associated sections one of which has an open side provided with a previously formed in-turned retaining flange which cooperates with the complementary open side of the other section to mount or set and retain the stone in place, after which the sections are secured together.

As a further object, the invention comprehends a simple and inexpensive means for attaching the end links of a multiple strand bracelet or necklace to the clasp elements.

The invention furthermore resides in the provision of a gem mounting of the character set forth which is extremely simple in its construction, inexpensive to manufacture and which is highly efficient in its purpose.

With the above recited and other objects in view, the invention resides in the novel construction set forth in the following description, particularly pointed out in the appended claims and illustrated in the accompanying drawings, it being understood that the right is reserved to embodiments other than those actually illustrated herein, to the full extent indicated by the general meaning of the terms in which the claims are expressed.

In the drawings—

Figure 1 is a side view of one of the gem mounting body sections removed from the other.

Fig. 2 is a similar view of the other gem mounting body section.

Fig. 3 is a transverse sectional view through the gem mounting body sections in assembled relation the same being taken approximately on the line indicated at 3—3 in Fig. 1.

Fig. 4 is a longitudinal sectional view through the gem mounting with the elements thereof in connected relation, said section being taken approximately on the line indicated at 4—4 in Fig. 3.

Fig. 5 is a perspective view of one of the gem mounting body sections illustrating the improved means for connecting the end links of a bracelet or necklace thereto.

Fig. 6 is a cross sectional view of a modified form of the invention.

Referring to the drawings by characters of reference 10 and 11 designate generally the top and bottom sections of the gem mounting body. The bottom or base section 11 includes a bottom wall 12 having upstanding parallel side walls 13 and an outwardly projecting end flange 14 provided with perforations 15 through which the end links of the bracelet or necklace strands are engaged. The opposite end of the wall 12 is provided with an upstanding rim 16 having a central notch 17. The top or cap section 10 comprises integral side and end walls 18 and 19 which are provided adjacent the upper edge with a marginal integral inwardly bent flange 20 adapted, when the sections 10 and 11 are telescopically associated to clamp the edges of the stone 21 against the upper edges 22 of the side walls 13 of the bottom or base section 11. When the device is used as a clasp body, one of the end walls 19 of the top member 10 is formed with the usual T-shaped recess 23 at its lower edge which together with the notch 17 constitutes a T-shaped opening in the clasp body with which the spring tongue 24 of the clasp element 25 cooperates to hold the clasp elements in coupled relation. The top section 10 and the bottom or base section 11 are retained in associated or assembled condition by suitable retaining means such as the tongue and slot 26 and 27, the tongues

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being formed in the side walls 18 by forming parallel slits upwardly from the lower edge of the side walls 18 which tongues are bent through the slots 27 in the side walls 13 of the bottom or base member 11. In lieu of the tongue and slot retaining means however, it is intended that the lower edges of the side walls 18 may be soldered as illustrated at 28 in Fig. 6. The outstanding principle however of the invention is the provision of a clasp body member consisting of a two-part telescopic housing one of which is formed with an interned integral bead which coacts with the free edges of the walls of the other member to retain a stone in set relation whereby the expense, time and labor involved in the necessity of turning over the edge or bead is eliminated.

As illustrated in Fig. 5 the lug or end flange 14 of the base or bottom section of the clasp body having the perforations 15 which receive the end links of a multiple strand necklace or bracelet is provided with a transverse slit from one edge intersecting the material between one of the outermost perforations and the material between the remaining perforations so that a bendable portion 30 is provided which portion may be swung to a position to admit of the association of solid links with the various perforations 15 after which the bendable portion 30 is rebent and soldered to retain the links within the perforations. This arrangement eliminates the use of split end links which require three soldering operations and reduces the soldering operation to a single one when attaching the end links to either element of the clasp.

I claim:

1. As a new article of manufacture, a gem mounting comprising a base section including a bottom portion having a pair of upstanding opposite walls, said base section being open at its top between said upstanding walls, and a cap section having a tubular portion fitting on the upstanding walls of the base section and having an inturned

flange at its upper end for cooperating with the upstanding walls of the base section to clamp edge portions of a gem against the upper edges of said upstanding walls of the base section, and means for fastening said sections together.

2. As a new article of manufacture, a gem mounting comprising a base section including a bottom portion having a pair of upstanding opposite walls, said base section being open at its top between said upstanding walls, and a cap section having a tubular portion fitting on the upstanding walls of the base section and having an inturned flange at its upper end for cooperating with the upstanding walls of the base section to clamp edge portions of a gem against the upper edges of said upstanding walls of the base section, and means for fastening said sections together, said fastening means comprising slotted portions of the upstanding walls of the base section and tongues on the tubular portion of the cap section engageable with said slotted portions of the base section.

3. As a new article of manufacture, a gem mounting comprising a base section including a bottom portion having a pair of upstanding opposite walls, said base section being open at its top between said upstanding walls, and a cap section having a tubular portion fitting on the upstanding walls of the base section and having an inturned flange at its upper end for cooperating with the upstanding walls of the base section to clamp edge portions of a gem against the upper edges of said upstanding walls of the base section, said upstanding walls of the base section having slots formed therein and the tubular portion of the cap section having pairs of vertical slits in the lower edge portion thereof, producing tongues bendable into engagement with said slots to fasten said base section and said cap section to each other.

FRANS BERTIL WENDEL.