Aug. 4, 1925. 1,548,646

A. AKESON

FINGER RING

Filed Aug. 22, 1923

Fig.1

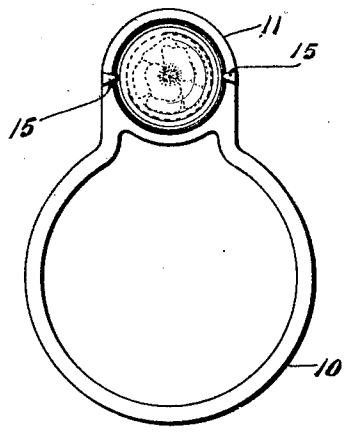


Fig.2

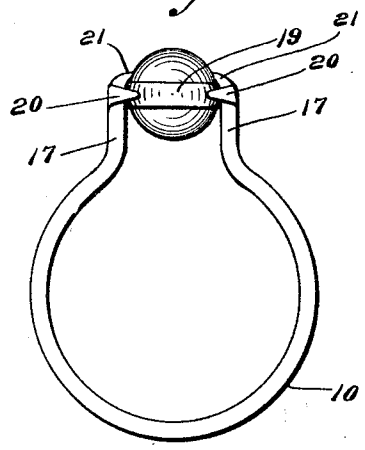


Fig.3

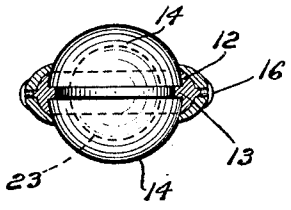


Fig.4

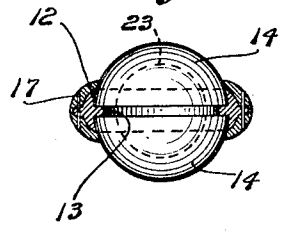


Fig.5

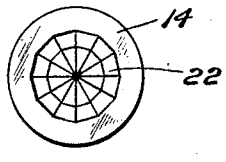
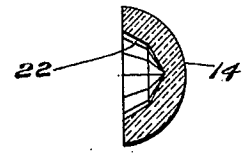


Fig.6



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Patented Aug. 4, 1925. 1,548,646

UNITED STATES PATENT OFFICE.

ANDERS AKESON, OF FALL RIVER, MASSACHUSETTS.

FINGER RING.

Application filed August 22, 1923. Serial No. 658,838.

To all whom it may concern:

Be it known that I, ANDERS AKESON, a citizen of the United States, residing at Fall River, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Finger Rings, of which the following is a specification.

This invention relates to an improved construction of finger ring; and has for its object to provide a ring of this character having both the finger-receiving portion and the gem-receiving portion formed of a single piece of metal.

A still further object of the invention is the provision of a gem having a hollow center portion which may serve as a receptacle for material of a different character from that of the gem to lend color or brilliancy to the gem and vary its appearance to render it handsome and attractive.

A still further object of the invention is to provide a hollow gem having a multifaced or faceted inner wall whereby light transmitted from the outer surface of the gem will be reflected or refracted to enhance the brilliancy or appearance of the gem.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings:—

Figure 1 is a side elevation illustrating my improved construction of ring having the finger-receiving portion and the gem mounting portion formed integral or from a single piece of metal.

Figure 2 is a side elevation showing the gem setting portion as set in a plane at right angles to the plane of the ring.

Figure 3 is a top view partly in section illustrating the bezel as provided with a central rib against which the two opposite portions of the gem are centered; also the ends of the ring as being formed separately from the bezel and secured thereto by ribs.

Figure 4 is similar to that shown in Figure 3, the arms or ends of the finger-engaging portion being connected to the bezel or gem-setting member and by means of pins.

Figure 5 is a face view of one of the gem members showing its inner portion as being hollow and formed with a multiplicity of faces.

Figure 6 is a sectional side elevation illustrating the gem member having a hollow center portion cut with a multiplicity of faces or facets on its inner wall.

It is found of advantage in order to produce a variety of effects and enhance the beauty and brilliancy of gems of certain characters, such as aquamarines and other similar stones, to form these gems hollow and to provide their inner walls with a multiplicity of faces or facets whereby the light may be reflected or refracted to produce prismatic effects in the gems; also in some cases the hollowed gems may have certain kinds of animal life, such as insects, birds, or certain vegetable life such as flowers, mounted therein.

In still other cases, this recess may be provided with a phosphorescent or other suitable substance to produce a great variety of ornamental and pleasing effects, which may be observed through the gem when the same is formed of a transparent or translucent material.

It is also found of advantage to provide a novel setting for gems of this character, which may in some instances be formed integral with the finger-receiving portion of the ring, or in still other cases these gems may be mounted in any desired setting; and the following is a detailed description of one means by which these results may be accomplished:—

With reference to the drawings, 10 designates the loop or finger-embracing portion of a ring, and 11 the bezel or gem-embracing portion of the ring both of which may be formed integral or from a single piece of material by a punching and swaging operation. The edges 12 of the bezel portion are preferably formed very thin so as to be rolled, burnished or bent over the edges of the gem to lock or secure the same in its bezel or mounting. This bezel or mounting is also preferably provided with a central, inwardly-extending annular rib 13 against which portions of the opposite halves 14 of the gem may rest to centralize these halves in the bezel. Also in some instances this bezel portion may be provided with a pair of fingers 15 which may in some instances, be formed so as to be bent over the edges of the gem halves to further secure them in their bezel or setting. In other instances the bezel or setting may be formed separately. In still other cases these finger members may be formed separately from the bezel and connected thereto by means of

rivets 16, as illustrated in Figure 3, or by pins 17, as illustrated in Figure 4.

Instead of forming the finger-receiving loop and the gem-receiving loop integral with each other or from a single piece of metal, the finger-receiving loop may be formed separately from the gem-receiving loop, if desired, and provided with arms 17 for embracing the gem-receiving bezel 19, as illustrated in Figure 2, which bezel may be secured to these arms by means of solder or rivets, or other suitable means; also to assist in the holding of this setting or bezel between the arms 17, I have provided fingers 20 which reach around in opposite directions embracing the setting or bezel to hold it in desired position; also the ends 21 of these arms 17 may be bent or turned inwardly over the gem to further assist in securing it in set position.

In order to enhance the beauty and brilliancy of gems which are mounted in my improved finger ring, I have formed the gems hollow or with a recessed, inner portion and have preferably formed these gems in halves, preferably of semi-spheroidal shape, their bases being set to face each other and abut against the opposite faces of the central rib 13.

The inner, concaved walls of the gems, as illustrated in Figures 5 and 6, may be angular faces, if desired, to produce prismatic effects in the gems.

In still other cases the inner walls of the hollow gems may be plain, as illustrated at 23 in Figures 3 and 4, and some substance different from that of the gem placed therein, such as the representation of animal or vegetable life, that is, insects, birds or flowers. In other instances some translucent colored material may be placed in these hollow portions, and in still other instances, the walls of these hollowed-out portions may be treated with some phosphorescent or like substance placed therein which may be observed through the walls of the gem when formed of transparent or translucent material.

A ring of my improved construction is very handsome and attractive in appearance and by forming the gem hollow, a great variety of attractive effects may be produced.

I claim:

1. A finger ring formed from a single piece of metal having a finger-engaging loop with spaced apart outturned arms, and a gem bezel in substantially the same plane as said loop integral with and supported by said arms.

2. A seamless finger ring having a finger engaging loop, a gem bezel disposed in the same plane as said loop, and spaced apart arms merging into said bezel tangent to the outer circumference thereof at substantially diametrically opposite points for connecting said loop to said bezel.

3. A seamless finger ring having a finger-engaging loop, a gem bezel disposed in the same plane as said loop, spaced apart arms connecting said loop with said bezel and spaced fingers about said bezel to assist in holding a gem therein.

4. A finger ring having a finger-engaging loop with outturned arms, and a gem bezel supported between said arms and having a central inner rib forming a seat for the mounting of gems on each side of said rib whereby the gems are supported on opposite sides of said bezel in spaced relation.

5. A gem mounting for oppositely-disposed substantially hemispherical gems comprising an annular band having a central inner rib forming a pair of parallel seats for mounting of said gems on each side of said rib in spaced relation, the edges of said band being bendable to be burnished over to retain gems set therein.

In testimony whereof I affix my signature.

ANDERS AKESON.