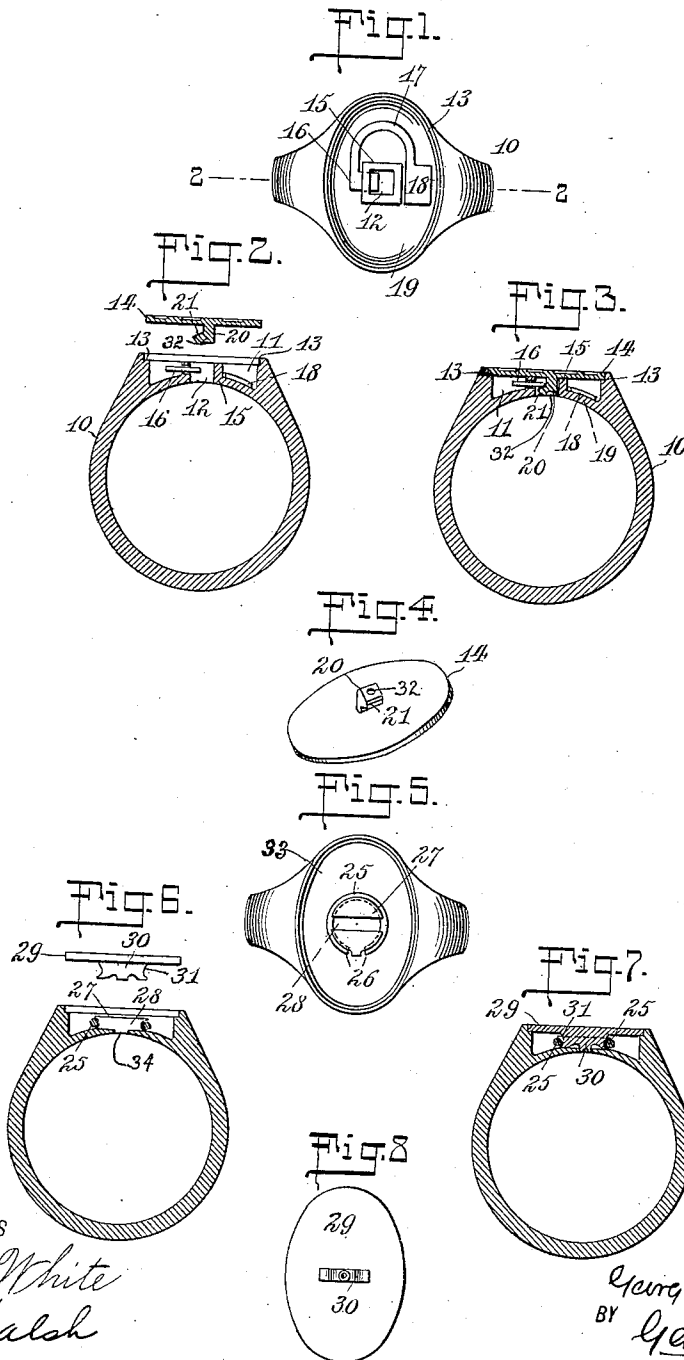


G. GASCHKE.
FINGER RING.
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1,052,141.

Patented Feb. 4, 1913.



WITNESSES

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FINGER-RING.

1,052,141.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE GASCHKE, a citizen of the United States, and a resident of Kearney, in the county of Hudson and State of New Jersey, have made and invented certain new and useful Improvements in Finger-Rings, of which the following is a specification.

My invention relates to an improvement in finger rings, and more particularly to that kind or type thereof usually known and referred to as signet rings, the object of the invention being to provide a ring of this kind wherein the signet plate may be attached or detached from the ring proper at will, in order that the one plate may be easily and readily removed and another substituted therefor, and in order that the seller or vender may supply the purchaser a ring having a plate bearing a suitable or desirable emblem, letter or monogram.

Heretofore, rings of this character have been constructed with springs contained within a receptacle formed integral with, or attached to the ring proper, but have met with many objections, more particularly that of the cost of manufacture.

One object of my invention is to construct a ring of this character with but a single spring adapted to engage with a lug or post formed on or secured to the under side of the detachable plate, and with this and other ends in view the invention consists in certain novel features of construction and combinations of parts as will be hereinafter fully described and pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan view of a ring constructed in accordance with my invention, the removable plate being omitted; Fig. 2 is a sectional view on the line 2—2 of Fig. 1, and showing the removable plate in section above the ring; Fig. 3 is a similar view showing the plate attached in place; Fig. 4 is a view in perspective of the plate detached, looking at the under side thereof; Fig. 5 is a plan view of a modified form of the ring; Fig. 6 is a sectional view thereof, the detachable plate being illustrated above the ring; Fig. 7 is a sectional view of the same having a plate attached thereto; Fig. 8 is a bottom plan view of the detached plate illustrated in Figs. 6 and 7.

Referring to the drawings, 10 represents

the ring proper made of gold or base metal, and of any suitable size. Within this ring is formed a receptacle 11, provided with an opening 12 extending entirely through the same. In the walls of the receptacle 11 is formed an annular shoulder 13 in which fits the detachable plate 14, the parts being so formed that the upper side or surface of said plate will lie flush with the upper edge of the walls of the receptacle. Surrounding the opening 12 is a wall 15 provided on one side with an opening for the insertion and movement of the end of the locking spring 16, this spring being curved as illustrated at 17, to somewhat follow the outline or oval shape of the receptacle, one of its ends 18 being somewhat enlarged or flattened and soldered or otherwise secured to the bottom plate 19 of the receptacle 11. The free end of the spring is also somewhat enlarged and projects through the opening in the wall 15, as illustrated in Figs. 1, 2 and 3, the tendency of the spring being to retain its free end within the wall 15 as clearly illustrated in Fig. 1. The detachable plate 14 is ornamented with any suitable design, as, for instance, an emblem, letter, monogram, etc., and is provided on its under side with a downwardly projecting attaching lug 20, flanged over to form the hook or catch 21, the latter, when the plate is assembled with the ring as illustrated in Fig. 3, fitting under and engaging the free end 16 of the spring 17, and holding said plate in its proper position within the receptacle, the hook or catch 21 preferably having its edge beveled in order to facilitate its engagement with the end of the spring.

In assembling the parts it will be seen that it is simply necessary to enter the lug 20 in the opening formed by the wall 15 until the beveled edge of the catch 21 bears against the free end 16 of the spring 17, whereupon, by a slight push or pressure on the plate 14, the free end of the spring will be slightly forced outwardly until the catch 21 falls below the free end of the spring, whereupon the latter will assume the position as illustrated in Fig. 3.

To detach the plate 14, it is simply necessary to force against the lug 20, the point of a pencil or other instrument until the free end of the spring is forced slightly outward, that is, until the spring becomes disengaged from the catch 21, a depression

being preferably provided in the lower end of the lug 20 to keep the point of the instrument used from slipping.

From the foregoing it will be seen that my invention is exceedingly simple in construction, and may be manufactured at a small cost, a single spring being used and which may be easily and readily soldered or otherwise secured in the receptacle.

It will further be understood that the above construction may be somewhat modified, as, for instance, the single spring may be formed in the shape of an arc of a circle, the spring 25 being preferably formed of round wire as illustrated in Fig. 5, the two ends thereof 26 being free. In this instance, the bottom 33 of the receptacle is formed with a hub 27 provided with the transverse slot or recess 28, the vertical wall of said hub having a groove therein which fits the single wire spring 25. The detachable plate 29 is provided with the lug 30, the vertical wall of which is formed with oppositely located notches 31 for the admission of the wire spring 25 when the parts are assembled as illustrated in Fig. 7. In assembling the parts when thus constructed, the flattened lug 30 is entered in the transverse slot 28, and by a slight pressure on the plate 29, the spring 25, will be somewhat enlarged or distended until said spring enters the notches 31, thus holding the plate in proper position within the receptacle. A slight push on the bottom of the lug 30 by means of a sharp instrument inserted through the opening 34 in the bottom of the receptacle will detach the plate from the spring.

In either of the above instances, but a single spring is used, thereby materially decreasing the cost of the article, and also the time and labor in assembling and securing the parts in their proper positions.

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

1. A ring provided with a receptacle and with an upwardly projecting member located upon the bottom wall of said receptacle, said upwardly projecting member having an opening extending to the interior of the ring, and also a second or side opening extending to the interior of the receptacle;

a detachable plate adapted to fit within said receptacle and having a depending lug adapted to enter said first mentioned opening; and a spring within said receptacle, a portion of which spring extends through said second or side opening and into engagement with said lug.

2. A ring provided with a receptacle and with an upwardly projecting member located upon the bottom wall of said receptacle, said upwardly projecting member having an opening extending to the interior of the ring, and also a second or side opening extending to the interior of the receptacle; a detachable plate adapted to fit within the outer portion of said receptacle and having a centrally located depending lug adapted to enter said first mentioned opening; and a spring within said receptacle, a portion of which spring extends through said second or side opening and into engagement with said lug.

3. A ring provided with a receptacle and with an upwardly projected member located upon the bottom wall of said receptacle, said upwardly projecting member having an opening extending from the interior of said receptacle to the interior of the ring, and also a second opening extending from said first mentioned opening through the side wall of said upwardly projecting member; a detachable plate adapted to fit within the outer portion of said receptacle and having a centrally located depending lug adapted to enter the first mentioned opening of said upwardly projecting member, said lug having a catch adjacent its lower end; and a spring within said receptacle, one end of said spring being secured to the bottom wall thereof and the other end extending through the second of the above mentioned openings of said upwardly projecting member and adapted to engage with the catch aforesaid at the lower end of said lug.

Signed at 30 Ferry St. N. Y. C. borough of Manhattan, in the county of New York and State of New York, this 1st day of Decr. A. D. 1911.

GEORGE GASCHKE.

Witnesses:

ARMAND MANTOUR,
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