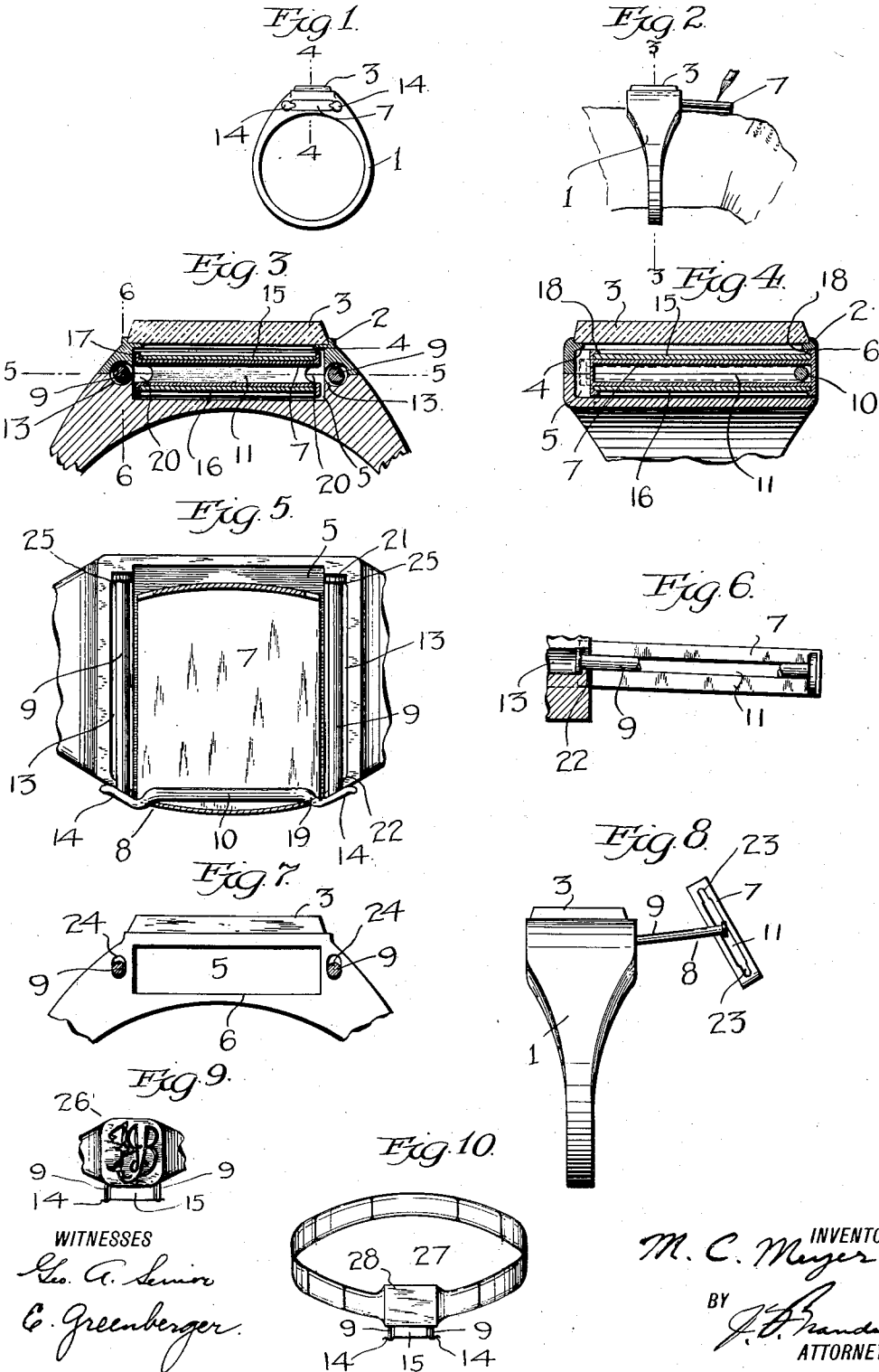


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MEMORANDUM RING.
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1,130,917.

Patented Mar. 9, 1915.



WITNESSES
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MEMORANDUM-RING.

1,130,917.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MAXIMILIAN C. MEYER, a citizen of the United States, and resident of the borough of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Memorandum-Rings, of which the following is a specification.

The primary object of my invention is to provide a ring of good appearance adapted to receive memoranda.

A particular object is to enable the memorandum-receiving part to be utilized without removing the ring from the finger.

A further object is to provide a ring of this character in which the memorandum-receiving member, though protected, may be constantly visible.

Still another object is to provide a ring or other article of jewelry with a reversible platform, which may be used to carry memoranda or display matter.

A specific object is to provide a simple, durable, neat-appearing, convenient and moisture-excluding construction.

In the accompanying drawings illustrating the improved construction; Figure 1 is a front view of the ring closed; Fig. 2 is a side view thereof on the finger, with the tablet projected and being written upon; Fig. 3 is a section of the upper portion of the ring, taken on the line 3-3 of Fig. 2; Fig. 4 is a section taken on the line 4-4 of Fig. 1; Fig. 5 is a horizontal section on the line 5-5 of Fig. 3; Fig. 6 is a fragmentary sectional side elevation, showing the tablet projected and one of the side pieces of the retainer frame broken away for clearness; Fig. 7 is a front view of the upper portion of the ring, the tablet being removed from its recess and the side pieces of the retainer frame being in section; Fig. 8 is a side view of the ring showing the tablet in the operation of reversal; Fig. 9 is a plan view of a ring showing a modified application of the invention; and Fig. 10 is a perspective view, suggestive of the application of the invention to other articles of jewelry, for example a bracelet. Figs. 3 to 8 are on an enlarged scale.

In Figs. 1 to 8, the ring 1 has a setting 2 formed as a bezel, for the reception of a large flat stone 3. This stone may be of any suitable character, precious or otherwise; and the invention is more particularly concerned with the use of a transparent stone

through which memorandum or other matter or color is visible. The stone is preferably colorless, and may even consist of a piece of plate glass highly polished, and beveled at the edges for the sake of appearance.

Beneath the internal flange 4, on which the stone is seated, is a low recess 5 having a lateral opening 6. A member 7, carrying memorandum or other surfaces, is normally received within this recess and may be moved edgewise in and out through the opening 6. This tablet or platform is reversible, so that either surface may be caused to appear through the transparent stone.

Means are provided for limiting the outward movement of the platform and for permitting its reversal. As in the construction shown in my prior application aforesaid, the said means comprises a substantially U-shaped frame 8, having side pieces 9 and a front cross-piece 10. The platform is disposed between the side pieces, and has a transverse slotted opening 11 for the reception of the cross-piece, this slotted opening preferably extending from end to end of the platform, as shown, and permitting the same to slide on the cross-piece and to be reversed, as indicated by Fig. 8.

In the particular form which I now regard as preferable, laterally-projecting nail-holds 14 are formed on the ends of the cross-piece 10, so as to lie against the front of the head of the ring in such manner as to present a neat appearance while enabling the device to be operated with convenience. In order to increase the compactness and good appearance of the structure, the end portions of the cross-piece are offset forwardly as indicated at 19, so as to pass through notches 20 at the sides of the front and back end walls of the platform. The side pieces 9, which are preferably in the form of rods, are disposed in recesses or bores 13 at the sides of the main recess 5, heads 21 on the rear ends of the side pieces and stops 22 at the forward ends of the recesses 13 constituting means for limiting the outward movement of the retainer, and consequently of the platform.

In order to hold the parts in normal position against accidental displacement, the side pieces 9 of the retainer frame are caused to exert tensional lateral thrust in the recessed portion of the ring. This may be accomplished in a variety of ways, for ex-

ample by forming slight offsets 25 at the rear ends of the outer walls of the recesses 13, so that when the retainer is pushed all the way in, its side pieces are forced toward each other slightly by the engagement of their heads with these offsets. In this way the retainer is frictionally and tensionally held in place, and the platform 7 has self-holding engagement with the cross-piece 10, as by virtue of the extremities 23 of the slotted opening 11 being made somewhat small so as to grip the cross-piece more or less firmly.

Removable and replaceable leaves 15 and 16 are mounted on opposite faces of the platform. In the particular construction herein illustrated, the said leaves are held between vertical side flanges 17 and undercut end flanges 18, the leaves being readily removable by inserting a knife blade or the like between one edge and the adjacent side flange. These leaves are preferably of celluloid, one of which being white affords a memorandum-receiving surface, which may be used as often as desired and cleaned in the manner of which celluloid is susceptible. The other leaf may be colored, so that when uppermost it gives the stone the appearance of being colored, or it may bear a design, emblem, or other display matter. The color which may be given to the stone, or the display matter, may be changed by merely taking out this leaf and putting in another. It will be manifest that both leaves may be colored or bear display matter, in which event the device may not be used for memorandum purposes, or that one or both of the leaves may be photographs.

For convenience of manufacture the upper portion of the ring is preferably made of two pieces, as indicated more particularly in Figs. 3 and 4, the pieces being united in such a manner as to render the junction invisible when the ring is finished.

In operation the retainer and platform are projected by inserting a thumb and a finger nail beneath the nail-holds 14 and pulling forward, thus advancing the retainer 8, and through the cross-piece 10 of the latter also advancing the platform. When the retainer frame is advanced as far as it will go, determined by the normal distance between the cooperative limit stops and abutments 21 and 22, the rear end of the platform is still within the opening 6, so that the platform is rendered steady both by the support afforded by the edge of this opening and the underlying support of the finger, as will be clearly apparent from Figs. 1 and 3.

If the memorandum surface is uppermost, the wearer jots down such matter as he may desire to remember and pushes back on the front of the platform, thus restoring the latter and the retainer frame within the

ring. If, however, the memorandum leaf is on the under side, he pulls forward on the platform, which thus slides relatively to the retainer 8, and then turns it over about the cross-piece 10. Upon now introducing the end of the platform into the opening 6 the device is steadied for writing in the manner described.

As indicated in Figs. 7 and 8, the side pieces 9 when projected are capable of a limited extent of tilting movement in the openings 24 at the front ends of the recesses 13, so as to facilitate the operation of turning the platform on the retainer cross-piece without removing the ring from the finger.

While the invention preferably and more characteristically includes in the combination a transparent stone through which the surfaces carried by the tablet or platform are visible, certain of the advantages of the invention can be realized with the use of an opaque stone. The invention may also be applied to signet rings. Fig. 9 illustrates such an application, showing the head 26 of the ring as having a pierced monogram, through which the color beneath can be seen. Thus, while any memorandum itself cannot be read without projecting the platform from its recess, a visual indication is given, because if the wearer normally keeps a certain color uppermost, the fact of white showing through the openings will remind him that there is a memorandum to be consulted. Or a change of color may be relied upon without the actual making of a memorandum.

While with a signet ring the monogram will preferably be pierced, the head can be solid if desired, in which event, as in the case of an opaque stone, the platform can be used to receive memoranda, or to carry photographs or other matter, but will not afford a reminder.

Furthermore, while the invention relates more particularly to rings, it is not necessarily limited thereto in all its aspects, and similar parts may be mounted in recesses in other articles of jewelry. Fig. 10 is suggestive of a bracelet 27 having a recessed member or section 28 which receives a reversible platform and retainer as previously described. In this instance the top covering the platform is represented as opaque.

Various other modifications and changes not specifically indicated are within the scope of the invention.

What I claim as new is:

1. A finger ring having a transparent stone set therein, a member beneath said stone affording a memorandum-receiving surface, and means for exposing said surface for the purpose of receiving a memorandum without removing the ring from the finger.

2. A finger ring set with a large transparent stone and having means on which to

inscribe memoranda, said means being normally beneath and visible through the stone and being accessible for the purpose of receiving memoranda without removing the ring from the finger.

3. A finger ring having a hollow head inclosing a recess provided with a closed top and a transversely elongated opening in one of its sides, and a platform normally received in the recess in the head and movable edgewise through said opening.

4. A finger ring having a hollow head formed so that its interior constitutes a recess tightly inclosed except for an opening in one side, and a platform movable edgewise through said opening and normally closing the same.

5. A finger ring having a head formed with a recess open at one side and a large transparent stone covering said recess, in combination with a platform normally contained in said recess and movable into and out of the same through said open side without removing the ring from the finger.

6. The combination of a finger ring, a transparent stone mounted therein, and a platform, said ring being formed with a recess beneath said stone for the reception of said platform, said recess having a lateral opening permitting the insertion and removal of said platform, said platform having two display surfaces at opposite sides and the platform, recess and opening being constructed and arranged to permit said platform to be inserted either side up into said recess.

7. A finger ring having a large transparent stone mounted therein, a recess beneath said stone, a memorandum member receivable in said recess so that its memoranda may be read through the stone, said recess having a lateral opening arranged to permit said member to be moved outward over the finger wearing the ring, and a connection between said member and ring.

8. A finger ring having a head containing a recess provided with a lateral opening, a platform slidable rectilinearly into and out of said recess through said opening, and a slidable retainer connecting said platform with the ring for retaining said platform in its projected position.

9. A finger ring having a large transparent stone mounted therein, a recess beneath the stone having a lateral opening, a platform slidable rectilinearly into and out of said recess through said opening, and a retaining and guiding member for said platform constructed to permit the turning of the latter to display either of its surfaces through the stone.

10. A finger ring having a transparent stone and a recess beneath the same provided with a lateral opening, a platform movable into and out of said recess through said

opening, and means for retaining said platform in its projected condition against disconnection from the ring.

11. A finger ring having a head formed with a recess, a platform adapted to occupy either of reversed positions within said recess and being movable into and out of the same, and a connection between said platform and ring limiting the outward movement of the platform and permitting its reversal.

12. The combination of a finger ring, a transparent stone mounted therein, said ring having a recess beneath said stone provided with a lateral opening, a platform slidable in either of reversed positions through said opening into and out of said recess, and means limiting the outward movement of said platform and permitting its reversal.

13. A finger ring having a head provided with a recess, a reversible platform movable edgewise into and out of said recess, said platform having a transverse slotted opening therethrough, and a retainer also movable toward and from the ring and having a cross-piece passing through said slotted opening and on which said platform is capable of turning.

14. A finger ring having a head provided with a recess, a reversible platform movable edgewise into and out of said recess, said platform having a transverse slotted opening therethrough, and a retainer also movable toward and from the ring, said retainer comprising side-pieces and a cross-piece passing through said opening in the platform and on which said platform is capable of turning.

15. The combination of a finger ring having a head containing a recess, said recess having a lateral opening, a platform movable into and out of said recess through said opening, and a leaf carried by and removable from said platform.

16. The combination of a finger ring, a transparent stone mounted therein, a movable platform beneath said stone having retaining flanges, and a removable leaf held by said flanges, said leaf being visible through said stone when the platform bearing the same is in place.

17. A finger ring having a head containing a recess having a lateral opening, a platform normally received in said recess and movable out through said opening, said platform having retaining means on both its faces, removable leaves held by said means, and a connection between the platform and ring permitting the platform to be turned either side up when moved out of the opening.

18. The combination of a finger ring, a transparent stone mounted therein, a platform beneath said stone, said platform having a memorandum-receiving surface on one

side, and means whereby said platform may be reversed to display either of its surfaces through said stone.

19. The combination of a finger ring having a setting formed with a recess having an opening at one side, a transparent stone mounted in said setting and forming the top of said recess, a platform movable into and out of said recess through said opening, and a removable leaf carried by said platform.

20. The combination of a finger ring having a recess in its top portion, a transparent stone forming the top of said recess, a platform normally received in said recess and adapted to be projected therefrom, said platform having a transverse slotted opening, a retainer also movable in and out of the ring and comprising side pieces and a cross-piece on which said platform is slidable and reversible, and means on the front of said retainer for withdrawing the same and said platform from the ring.

21. In an article of jewelry, the combination of a member having a recess therein, a platform normally received in said recess and adapted to be projected therefrom, said platform having a transverse slotted opening, a retainer also movable in and out of said member and comprising side pieces and a cross-piece on which said platform is slidable and reversible, and laterally projecting nail-holds at the ends of said cross-piece.

22. In an article of jewelry, the combination of a member having a recess therein, a platform normally received in said recess and adapted to be projected therefrom, said platform having a transverse slotted opening, a retainer also movable in and out of said member and comprising side pieces and a cross-piece on which said platform is slidable and reversible, said cross-piece having forwardly offset portions adjacent its ends occupying notches in the end walls of the platform, and means at the ends of said cross-piece whereby the retainer and platform may be withdrawn.

23. The combination of a finger ring hav-

ing a recess in its top portion, a platform normally received in said recess and adapted to be projected therefrom, said platform having a transverse slotted opening, a retainer also movable in and out of the ring and comprising side pieces and a cross-piece on which said platform is slidable and reversible, the top portion of the ring being provided with recesses at the sides of the main recess for the reception of said side pieces, coöperative means at the forward portions of said side recesses and the rear portions of said side pieces to limit the outward movement of the latter, and means at the front of the ring for withdrawing the platform.

24. The combination of a finger ring, a retainer comprising side pieces and a front cross-piece, and a platform slidable and reversible on said cross-piece, said ring being recessed for the reception of said retainer and platform and said side pieces having tensional lateral bearing in the recessed portion of the ring so as to hold the retainer against accidental dislodgment, said platform also having self-holding engagement with said cross-piece.

25. The combination of a finger ring having a hollow head provided with a lateral opening, a slidable platform normally received in said head and movable out through said opening, and means for retaining the same in projected condition.

26. In an article of jewelry, the combination with a member having a recess provided with a lateral opening, of a platform adapted to be received therein or projected therefrom, and a retainer for limiting the outward movement of said platform and permitting reversal thereof.

In witness whereof I have signed my name in the presence of two subscribing witnesses.

MAXIMILIAN C. MEYER.

Witnesses:

J. F. BRANDENBURG,
FRANK C. BRIGGS.