No. 701,993. Patented June 10, 1902.

W. BRACK.

WATCH DIAL.

(Application filed Feb. 18, 1902.)

(No Model.)

Fig. 1.

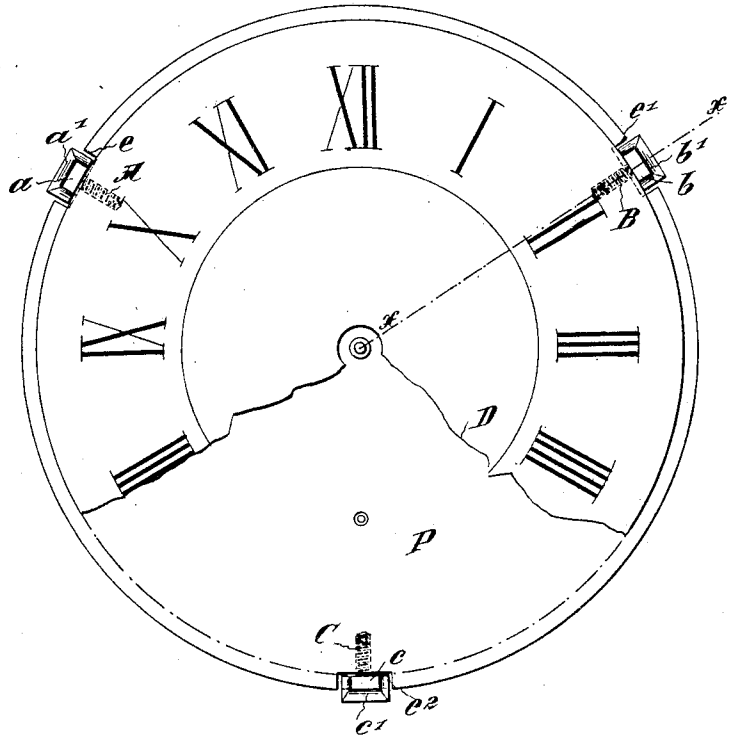


Fig. 2.

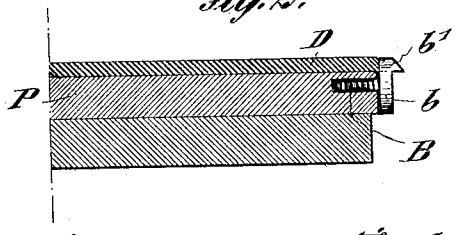


Fig. 3.

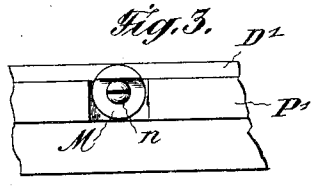
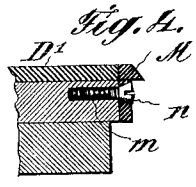


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM BRACK, OF VILLERET, SWITZERLAND.

WATCH-DIAL.

SPECIFICATION forming part of Letters Patent No. 701,993, dated June 10, 1902.

Application filed February 18, 1902. Serial No. 94,670. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM BRACK, a citizen of the Republic of Switzerland, and a resident of Villeret, Switzerland, have invented an Improvement in Watches, of which the following is a specification.

Said improvement is shown in the annexed drawings, in plan in Figure 1 and in section in Fig. 2 from *x x*, Figs. 3 and 4 showing in elevation and in section a different way of applying it.

Said improvement consists in securing laterally the dial D upon the movement-plate P by means of the heads *a b c* of the screws A B C, the latter being screwed into the rim of the plate so that part of said heads are projecting from the plate as much as the height of the dial D. Entrances *e e' e²*, connected with each screw, are made into the edge of the plate, so that the screw-heads are partially inclosed by the walls of said recesses. Besides, each screw-head is shaped so as to form a rim *a' b' c'*, replacing the usual shoulder of the plate called "border" and used for fitting it in the rim of the case.

This device enables a perfect centering of the dial, as said centering may be altered in connection with the plate in tightening or loosening more or less the screws. It does away with the setting of the dial into the plate, thus saving time and material, and, last, it enables the use of dials of slightly-different diameter. In such cases all there is to do is to push the screw-heads forward or backward in tightening or loosening the screws, which cannot be done with any other system for fitting the dials on the movement-plate. If wished for, more than three screws may be used, but without any appreciable advantage. The heads of those screws may or not be provided with a slit or any other device for putting them into place, and their dimensions or form may vary. The screw may also be made in two pieces, as shown in Figs. 3 and 4. In that case the head M is bored, the screw *m* securing it against the plate P' and the dial D' through the tapered shoulder *n*. The dial may or not be provided with entrances connected with the entrances *e e' e²* of the plate, so that a dial of same diameter as the plate may be used.

Having thus described my invention, I claim and wish to secure by Letters Patent—

In combination with the dial and movement-plate P, the latter having a recess in its edge, a screw secured to the movement-plate and having a head reaching up and engaging the edge of the dial, the head of said screw being fitted in the recess of the movement-plate and having a projection at its upper edge extending out beyond the edge of the dial and movement-plate whereby said plate with its dial may be fitted into the watchcase, substantially as described.

In witness whereof I have hereunto set my hand in presence of two witnesses.

WILLIAM BRACK.

Witnesses:

JULES CHAPUY,

OS. KÜLLING.