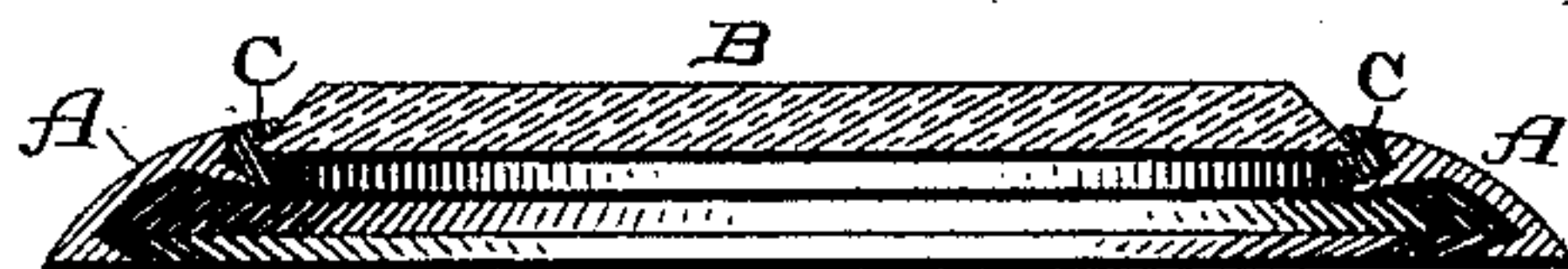


(No Model.)

C. KORNRUMPF.
WATCH CASE BEZEL.

No. 442,443.

Patented Dec. 9, 1890.



Witnesses:

E. P. Ellis,
B. Brockett,

Inventor:

C. Kornrumpf,
per
Lehmann & Pattison,
attys

UNITED STATES PATENT OFFICE.

CHRISTIAN KORNRUMPF, OF HUNTINGBURG, INDIANA.

WATCH-CASE BEZEL.

SPECIFICATION forming part of Letters Patent No. 442,443, dated December 9, 1890.

Application filed July 16, 1890. Serial No. 358,919. (No model.)

To all whom it may concern:

Be it known that I, CHRISTIAN KORNRUMPF, of Huntingburg, in the county of Dubois and State of Indiana, have invented certain new and useful Improvements in Watch-Cases; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in watch-cases; and it consists in the combination of the crystal, the bezel, and a packing or intervening ring of celluloid, zylonite, or other suitable material, as will be more fully described hereinafter.

The object of my invention is to insert the edge of the crystal in an intervening ring which is softer or more elastic than the bezel, and which ring serves to prevent the crystal from being readily injured or broken by accidents or rough treatment.

The accompanying drawing represents a device which embodies my invention.

A represents an ordinary bezel, and B a glass crystal of any desired construction. The inner edges of the bezel are grooved or recessed, so as to receive the ring or packing C, made of celluloid, zylonite, or any other similar material which is softer than the glass or metal, but which has sufficient strength or

consistency to catch hold of the crystal and retain it firmly in position. The ring C may be sprung over the edge of the bezel, baked upon it, or secured thereto in any way that may be desired. In the inner side of the ring C is made a groove, so as to receive the edge of the crystal, which may be given any desired shape, and this crystal is held in position by the ring of celluloid, zylonite, or other suitable material without coming in contact with the metal bezel. As a consequence the crystal is given any necessary amount of vibration or movement in case the watch is jarred or shaken, and thus the crystal is prevented from being broken.

This invention is also adapted to all optical goods of every kind where glass is held in metallic cases and serves equally as well to prevent the glass from being broken in case the articles are dropped or subjected to rough treatment of any kind.

Having thus described my invention, I claim—

A metallic bezel, a crystal, and a ring of celluloid, zylonite, or other similar material, the parts being combined and arranged to operate substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

CHRISTIAN KORNRUMPF.

Witnesses:

JOHN F. TIEMAN,
CAMDEN BRETZ.