July 17, 1928.

1,677,144

A. LASKA

WATCHCASE

Filed Oct. 21, 1925

Fig. 1

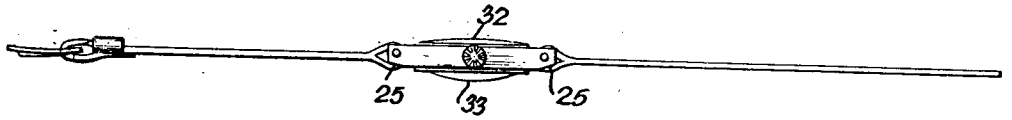


Fig. 2

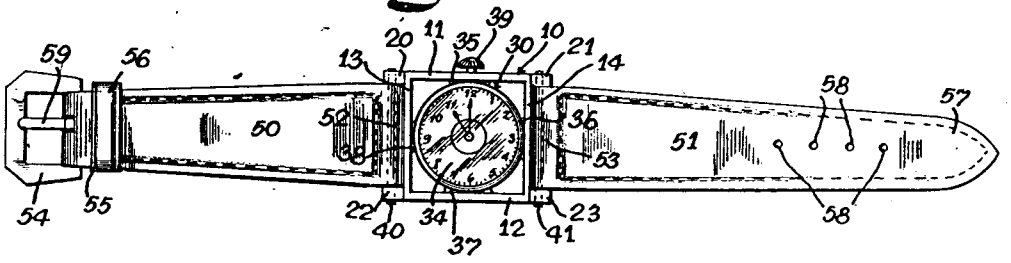


Fig. 3

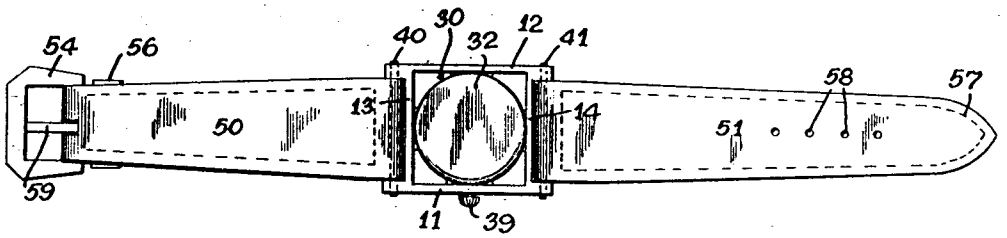
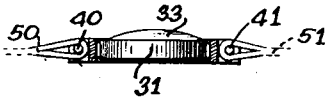


Fig. 4



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ATTORNEYS.

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UNITED STATES PATENT OFFICE.

ABRAHAM LASKA, OF NEW YORK, N. Y., ASSIGNOR TO HIPP. DIDISHEIM COMPANY, INC., OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

WATCHCASE.

Application filed October 21, 1925. Serial No. 63,813.

My present invention relates to watchcases, particularly those adapted to be worn on wrists by attachment to a strap or straps, and aims to devise articles of the general character specified, which are simple in construction, easy, convenient and economical to fabricate and to assemble, which are neat and attractive in appearance, which are novel and ingenious in the arrangement of the various parts, and which for that as well as for other reasons are commercially valuable and adapted to find a ready sale in the market. Other advantages of the present invention will in part be pointed out in detail hereinafter and will in part be obvious to those skilled in the art to which the present invention relates.

In the accompanying specification I shall describe, and in the annexed drawing more or less diagrammatically illustrate, an illustrative embodiment of the present invention. It is, however, to be clearly understood that my invention is not limited to the specific form thereof herein shown and described for purposes of illustration only.

Referring to the drawing, wherein I have illustrated the aforesaid illustrative embodiment of the present invention:

Fig. 1 is an edge view of such illustrative embodiment showing the principles of the present invention applied to a wrist watchcase;

Fig. 2 is a front plan view of said embodiment;

Fig. 3 is a rear plan view of said embodiment; and

Fig. 4 is a detailed view, partly in cross section and partly in elevation, showing the watchcase proper of the aforesaid illustrative embodiment of the present invention with the back member thereof removed.

Referring now to the aforesaid illustrative embodiment of the present invention, and more particularly to the drawing illustrating the same, the aforesaid illustrative embodiment of the present invention as here shown and described comprises an outer frame member generally designated by reference character 10. While various shapes and forms may be used for such outer frame member 10, I prefer that the same shall be substantially rectangular, as by being square and having the top and bottom frame members 11 and 12, respectively, and the side frame members 13 and 14, respectively.

Preferably the frame member 10 is provided with means for carrying pintles or hinge members to which the strap or straps for attaching the watch to the wrist may be conveniently connected. For this purpose, I prefer to employ means integral with the frame member 10 for supporting such pintles or hinge members. In the form shown, I provide one or more pairs of ears, in this case two pairs of ears, the ears 20 and 21 being continuations of the frame member 11, while the ears 22 and 23 are continuations of the frame member 12. Preferably the ears 20, 21, 22 and 23 are slightly bevelled on the front face of the frame member 10 corresponding to the face of the watch, as indicated by reference characters 25, 25. The purpose of this is to make the watchcase appear to slope more gradually into the strap member or members and also to leave fewer exposed edges and to give the watchcase a more compact and attractive appearance.

Within the frame member 10, as by being attached to the interior of said frame member 10 at a series of spaced points, is the watchcase proper, here generally indicated by reference character 30. The watchcase proper is provided with the usual bezel member 31, the back member 32, and the crystal 33 held within the bezel 31 in the usual manner. Within the case 30 is the usual dial 34 behind which are the works or the movement of the watch itself.

It may here be stated that the watchcase proper may have any desired shape. For example, it may be polygonal, rectangular, square, diamond-shaped, or it may be bounded by a curvilinear boundary, as by being oval or by being round, which is the particular form shown in the drawing. Whatever form the watchcase 30 may have, it is, as already indicated, attached to the frame 10 within the same at a series of spaced points. For this purpose, I prefer that the watchcase 30 be attached to the frame 10 by having the bevelled portion 31 thereof so attached. In the form shown, the attachment is effected at a series of spaced points indicated by reference characters 35, 36, 37 and 38. The bezel portion 31 of the watchcase

30 is attached within the frame member 10 at the points designated by solder or other suitable metal joining means. It may here be stated that if desired the bezel member 31 and associated portions of the watchcase proper 30, other than the back member 32, may be made integral with the frame member 10.

As indicated in Fig. 3 of the drawing, there should be sufficient clearance between the frame member 30 and the bezel member 31 within such frame to permit the ready application of the back member 32 to the bezel portion 31 and its equally ready removal from such bezel member. It may here also be stated that the frame member 11 is apertured to admit the passage therethrough of the stem 39 in the usual manner.

Carried by the ears 20, 21, 22 and 23, are a plurality of pintles or hinge members, generally designated by reference characters 40 and 41, respectively. For example, the pintle or hinge member 40 may be carried in the opposed cooperating ears 20 and 21 whereas the pintle or hinge member 41 may be carried in the opposed cooperating ears 22 and 23. The pintles 40 and 41 may either be removable or may be soldered fixedly in place in the ears carrying the same.

In any event, the pintles or hinge members 40 and 41 provide means for mounting the strap members 50 and 51, respectively. For this purpose the strap members 50 and 51 are provided with the loop portions 52 and 53 respectively, passing over the respective pintles or hinge members in a manner which will be readily apparent to those skilled in the art to which the present invention relates. It may here be stated that the strap member 50 is provided with the usual buckle 54 held on the loop end 55 of the strap member 50, such strap member being provided on the loop 56 for retaining the pointed end 57 of the other strap member 51, which is, in the usual manner, provided with the series of perforations 58 for receiving the tongue 59 of the buckle 54.

The construction of the aforesaid illustrative embodiment of the present invention has, it is believed, been made sufficiently clear from the foregoing description. Likewise the manner of assembling such embodiment has, it is believed, been made sufficiently clear in the foregoing description. In use the device possesses many advantages which may be briefly summarized as follows:

By means of the frame member provision is made for securely and safely housing the watchcase proper. The frame member serves also to reinforce and strengthen the watchcase proper and to protect the movement within the watchcase. The frame also provides convenient means for carrying the strap members which serve to attach the watch to the wrist of the wearer.

The advantages of the foregoing construction are numerous and of great practical importance. The watchcase of the present invention is very simple in construction and may be readily and economically fabricated. The watchcase also provides readily available means for attaching the strap members for securing the watch to the wrist of the wearer. The construction is very neat and attractive in appearance, the arrangement of the parts being novel and original, and the watchcase of the present invention will therefore find a ready and extensive sale in the market to which such articles are directed. Other advantages of the present invention will readily occur to those skilled in the art to which the same relates.

What I claim as my invention is:

1. In a watchcase construction, an outer, substantially rectangular frame member and an inner watchcase member having a back member and a bezel member, the latter of which is attached to said outer, substantially rectangular frame member at spaced points within the same, the frame member being apertured to admit the passage therethrough of the stem and sufficient clearance being provided between the bezel member and the outer frame member to permit the application and removal of the back member.

2. In a watchcase construction, an outer, substantially rectangular frame member and a watchcase having a back member and a bezel member, the latter of which is attached to said outer, substantially rectangular frame member at spaced points within the same, the frame member being apertured to admit the passage therethrough of the stem and sufficient clearance being provided between the bezel member and the outer frame member to permit the application and removal of the back member.

3. In a watchcase construction, an outer frame member and an inner watchcase member having a back member and a bezel member, the latter of which is attached to said outer frame member at spaced points with the same, the frame member being apertured to admit the passage therethrough of the stem and sufficient clearance being provided between the bezel member and the outer frame member to permit the application and removal of the back member.

In testimony, whereof, I have signed my name to this specification this 25th day of September, 1925.

ABRAHAM LASKA.