

F. PAQUETTE.
 ATTACHMENT FOR TIMEPIECES.
 APPLICATION FILED OCT. 31, 1907.

901,822.

Patented Oct. 20, 1908.

Fig. 1.

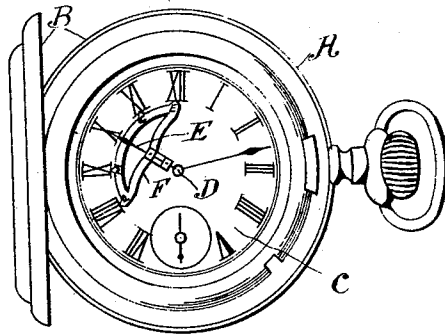


Fig. 2.

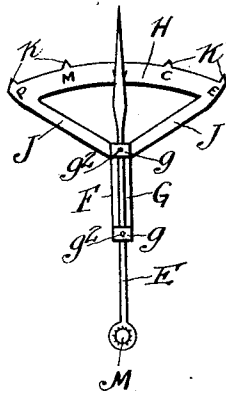
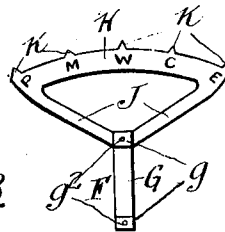


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

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ATTACHMENT FOR TIMEPIECES.

No. 901,822.

Specification of Letters Patent.

Patented Oct. 20, 1908.

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To all whom it may concern:

Be it known that I, FREDERICK PAQUETTE, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have invented certain new and useful Improvements in Attachments for Timepieces, of which the following is a specification.

My invention relates to clocks, watches and like timepieces wherein provision is made for simultaneously indicating the time of day at several localities far-distant from each other but on the same continent or in the same part of the world, as San Francisco, Denver and New York.

All portions of the earth, as for example North America have been divided into equal sections, or belts, and as each includes the same number of degrees of longitude, the time in each section will constantly differ from that of its adjacent sections by an equal period as is well understood. As these sections, or time-belts, are so worked as to each contain approximately 15 degrees of longitude the United States is divided into approximately 4 such sections and the time in each differs constantly from that of its adjacent sections by one hour, the latest time of course being that of the Eastern section. This division of time is contemplated in my invention, the four sections of the United States being called respectively, the Eastern, Central, Western and Pacific sections; and the time in each of these sections is indicated on the dial of a clock or watch by a segmental attachment that may be secured to, or used in place of the hour-hand.

Referring to the accompanying drawing forming a part of this specification in which like numerals designate like parts throughout the several views, Figure 1 is a plan view of a watch having my improved hour hand attachment secured thereto. Fig. 2 is an enlarged detail plan view of the conventional hour hand with my improved attachment secured thereto, and Fig. 3 is a similar view of my improved attachment removed.

In the practical embodiment of my invention I employ a timepiece A of any desired construction, but preferably one formed with an outer casing B and having the operating works inclosed therein beneath a dial C, the spindles D for moving the hands

extending through a central opening in said dial from said operating works beneath.

To the hour hand E, operated from the spindle D, is secured my improved attachment F, comprising a plate G having apertured lugs *g* for the reception of said hour hand therethrough, and having set screws *g*², operating through said lugs *g* to secure said hour hand. The attachment F further comprises a curved band or segment H and radially extending arms J connecting the outer ends of said band or segment H with the adjacent end of the plate G.

From the outer edge of the arc H extend a plurality of radially disposed pointers or lugs K which are regularly spaced apart a distance equal to the distance between the figures marked upon the dial.

To facilitate the convenient adjustment of the attachment F with reference to the hour-hand I form the spindle receiving opening M of the attachment in the form of a polygon with twelve sides so that it may be moved through an arc equal to one twelfth of a circle, with reference to the hour-hand, and will engage the spindle readily in this position without the necessity of making a painstaking adjustment of the parts.

In operation, the attachment F is secured to the hour-hand of a timepiece and the lug K of that section wherein one resides is set to correspond with the correct time in that section. Each of the other lugs will then simultaneously indicate the time in the other sections of the country and at a glance one can tell the approximate time in (say) San Francisco, Denver and New York. For instance, a person in Washington, D. C., would set the foremost lug to work the local time and the distance between that and the next lug would indicate the time in the Eastern section, between that lug and the next the time in the Central section, and so forth. If the time in Toledo, Ohio, or Detroit, Mich., is desired a glance at the relative time of the Central section, would disclose it, while the time in Los Angeles, Cal., would be shown by the Pacific section. The exact time of course in each of these cities is not indicated by the lugs themselves but the time within each section is marked by the two lugs and a knowledge of the relative position of the desired localities will enable one to gauge the correct time instantly. The min-

ute hand of the timepiece is not transferred or interfered with in any way and indicates the passage of time in all four sections.

Having described my invention, I claim
5 An indicating attachment for watches and clocks comprising a plate having apertured lugs for the reception of the hour hand thereof, set screws operating through said lugs to secure said plates, a curved band having

spaced pointers, and radial arms extending 10 between said plate and the ends of said band, substantially as described.

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

FRED. PAQUETTE.

Witnesses:

FRED KUEHN,
FRANK RENNER.