E. C. HAUGLAND.

FORK.

APPLICATION FILED MAY 31, 1910.

983,710. Patented Feb. 7, 1911.

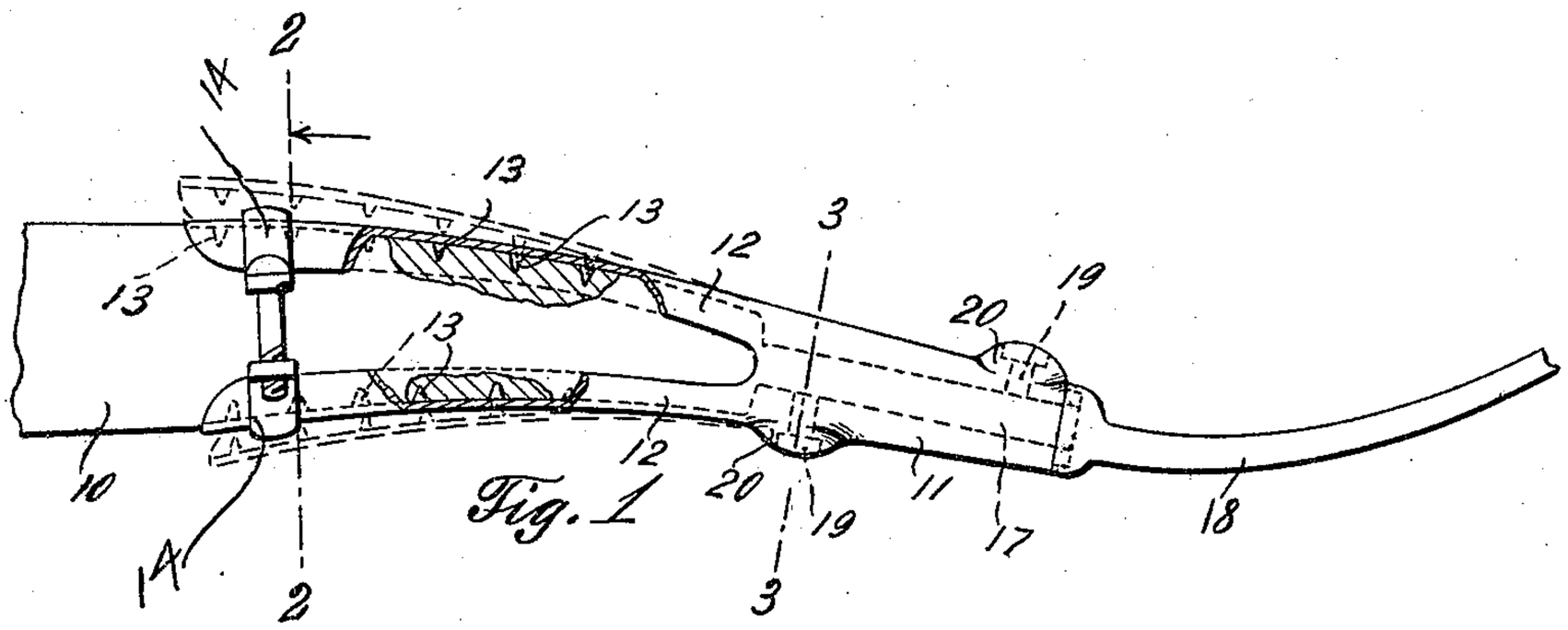

Fig. 1

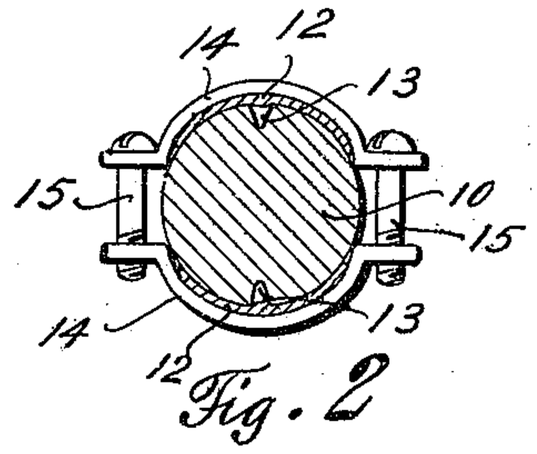

Fig. 2

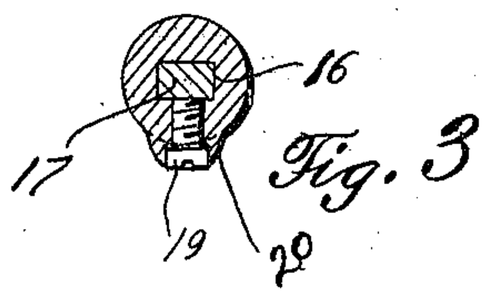

Fig. 3

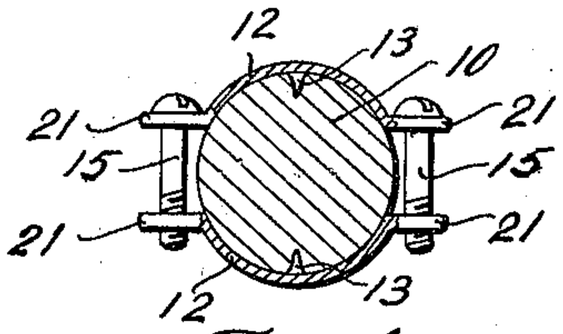

Fig. 4

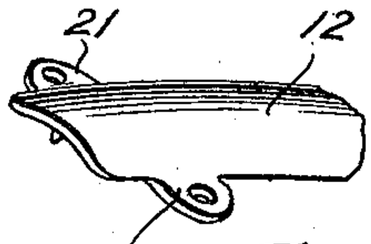

Fig. 5

Witnesses
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UNITED STATES PATENT OFFICE.

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FORK.

983,710. Specification of Letters Patent. **Patented Feb. 7, 1911.**

Application filed May 31, 1910. Serial No. 564,274.

To all whom it may concern:

Be it known that I, ELMER C. HAUGLAND, a citizen of the United States, residing at De Lamere, in the county of Sargent and State of North Dakota, have invented certain new and useful Improvements in Forks, of which the following is a specification.

This invention relates to forks and is designed to construct a fork wherein the handle thereof may readily be removed and another handle substituted therefor.

It also contemplates the construction of an attachment of this nature wherein the fork may be removed from the attachment should the same become broken and a new fork placed therein.

With the above and other objects in view, this invention consists in the construction, combination, and arrangement of parts, all as hereinafter more fully described, claimed, and illustrated in the accompanying drawings, wherein—

Figure 1 is a side elevation partly in section; Fig. 2 is a section taken along the line 2—2 of Fig. 1; Fig. 3 is a section taken along the line 3—3 of Fig. 1; Fig. 4 is a section taken on the line 2—2 of Fig. 1, illustrating a modification of the clamping means; Fig. 5 is a perspective view of the end of one of the spring arm sections of the attachment forming the subject-matter of the present invention, illustrating the construction of the modification set forth in Fig. 4.

Reference being had to the accompanying drawings 10 indicates a handle of wood or similar material having its lower terminal reduced. A body or ferrule 11 is detachably secured to the reduced portion of the handle by the spring arms 12, said spring arms being formed from the body and retained in spaced relation by the resiliency of the arms. These spring arms are concaved in cross section and are provided on the interior thereof with the centrally located alined pins or lugs 13 which when the arms are drawn toward the handle bite into the same and rigidly secure the ferrule thereto.

In order to retain the arms adjacent to the handle portion and cause the pins or lugs 13 to bite into the handle portion 10 a pair of clamping members 14 encircle the terminals of the spring arms and the handle 10, said clamping members being drawn together by the screws 15.

The body portion 11 of the ferrule is provided with the rectangular elongated bore 16 in which is received the shank 17 of the fork 18. This shank is retained within the bore 16 by the set screws 19 operating through the orificed projections 20 formed on the body portion at each extremity and on opposite sides thereof.

In the modification of said fork in Figs. 4 and 5, the clamping members 14 are eliminated and the ears 21 are formed on each side of the terminals of the spring arms 12 in lieu thereof, the screws 15 operating within the ears to draw the arms together.

Having thus described my invention, what is claimed as new is:

In a fork, the combination with a handle, of a ferrule having a plurality of orificed projections, of divergent spring arms carried by said ferrule, sharpened pins or lugs on the interior of said spring arms, means to force said lugs or pins into engagement with the handle, a fork having its shank within the ferrule, and screws passing through said orificed projections, said screws adapted to contact with the shank.

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

ELMER C. HAUGLAND.

Witnesses:
D. E. BLAKE,
G. L. STROBECK.