Nov. 1, 1932. E. L. NUEBLING 1,885,372

FIRE HYDRANT ATTACHMENT

Filed Nov. 7, 1930

Fig. 1.

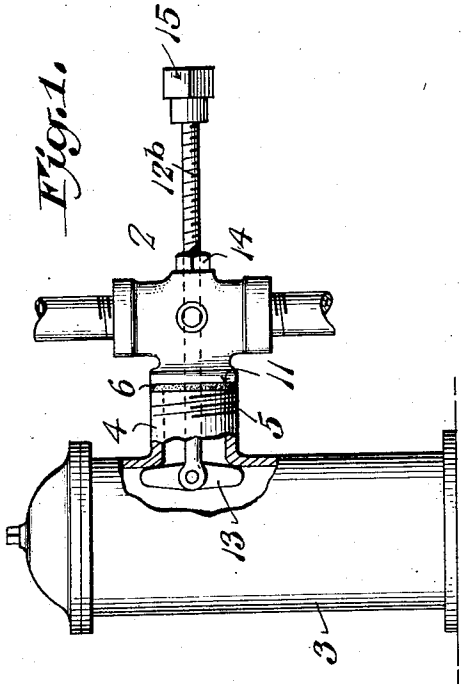
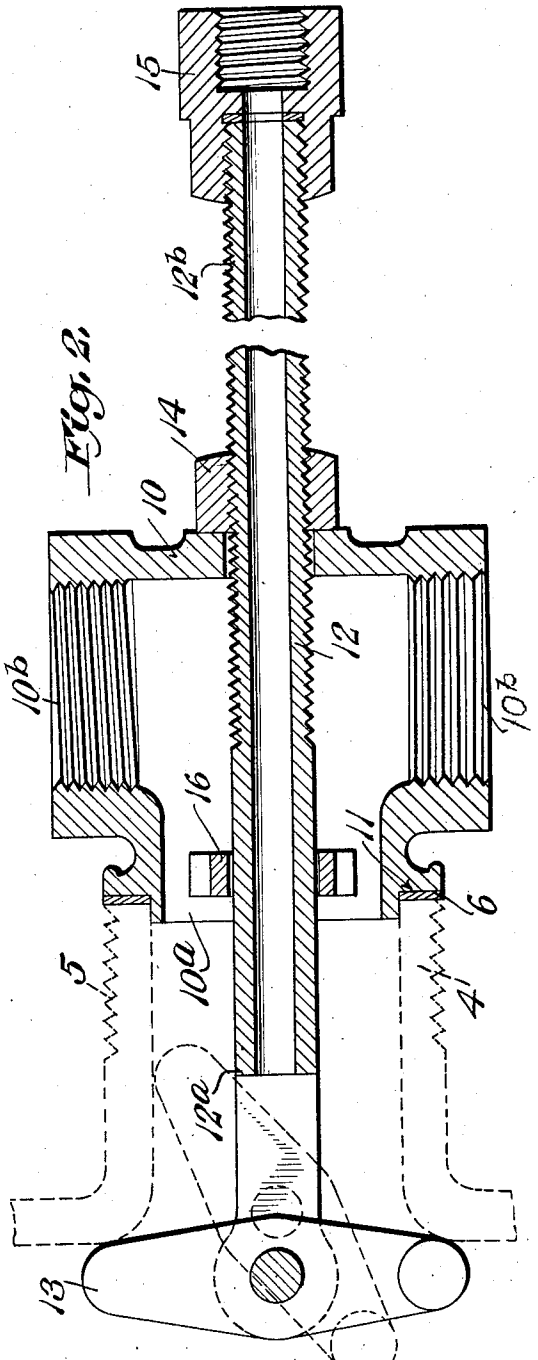


Fig. 2.



Inventor:
Emil L. Nuebling,
By W. G. & D. McStuart Attys.

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UNITED STATES PATENT OFFICE

EMIL L. NUEBLING, OF READING, PENNSYLVANIA

FIRE HYDRANT ATTACHMENT

Application filed November 7, 1930. Serial No. 494,151.

My invention consists in an improved fire hydrant attachment having for its main object the enabling of desired couplings to the hydrant irrespective of the particular screw-thread nozzle connection with which the hydrant may be provided for ordinary use; and it is fully described in connection with the accompanying drawing illustrating a preferred embodiment thereof, with specific defining of the novel features in the subjoined claims.

Fig. 1 is an outline elevational view indicating my improved attachment in connecting relation to a known type of fire hydrant; and Fig. 2 is an enlarged longitudinal section showing the detail construction of the attachment, and indicating in dotted lines the disengaging position of the tilting catch bar relative to the hydrant nozzle.

The fire hydrant indicated, comprises as usual a main barrel portion 3, having a laterally extending nozzle 4, commonly provided with an exterior screw thread 5 adapted for a corresponding coupling seating against an interposed gasket 6.

My invention involves no change in such indicated fire hydrant construction, but consists in providing a supplementary coupling head 10 which is readily attachable to the hydrant nozzle 4 irrespective of ordinary variations in the size and screw-threadings of the latter, and providing in itself for desired couplings.

The head 10 resembles a T fitting as shown, it having a nozzle-communicating inlet 10^a with a nozzle-seating face 11, and any desired coupling outlets at 10^b, 10^b; and it is adapted for convenient attachment to the hydrant nozzle 4 by provision of a connecting tube 12 extending through the head in axial alinement with the nozzle inlet 4. This connecting bar has at its hydrant-entering end 12^a, a pivotally mounted catch-bar 13, which is arranged to normally span the inner opening of the nozzle 4, and to thus serve in drawing the seating face 11 of the head tightly against the gasketed face of the nozzle by operation of a clamping nut 14 on the oppositely projecting end portion 12^b. The tube 12 is of tubular form as shown, so as to serve also as a liquid conduit direct from the barrel of the hydrant, with a convenient coupling terminal 15.

The tubular connecting bar 12 is mounted in an interior bearing bracket 16 of the head 10, in alinement with the axis of the inlet 10^a; and its open inner end 12^a is jaw-shaped, as shown, to carry the tilting catch bar 13. In connecting my coupling attachment to the hydrant barrel, this catch bar 13 is readily tilted so as to pass through the nozzle 4, and naturally assumes a cross-wise nozzle-spanning position so as to provide an abutment for seating of the head. When it is desired to disconnect the attachment, the tilting catch bar is readily disengaged and withdrawn through the nozzle 4, by shifting the position of the loosened head out of alinement with the nozzle. The specific detail construction set forth may be modified without departing from the invention as defined in the following claims.

What I claim is:

1. In combination with a fire hydrant having a hollow barrel and laterally projecting nozzle, a coupling attachment comprising a hollow coupling head having a nozzle-seating face, and an axial head-connecting tube having a barrel-entering end provided with a tilting catch-bar and an oppositely projecting coupling end.

2. In combination with a fire hydrant having a hollow barrel and laterally projecting nozzle, a coupling attachment comprising a hollow coupling head having a nozzle-seating face, an interior bearing bracket in axial alinement therewith, and a lateral coupling outlet, and an axially mounted tubular connecting member passing through said head and having a barrel-entering end provided with a tilting catch-bar, and an oppositely projecting nut-threaded portion.

In testimony whereof I affix my signature.

EMIL L. NUEBLING.