

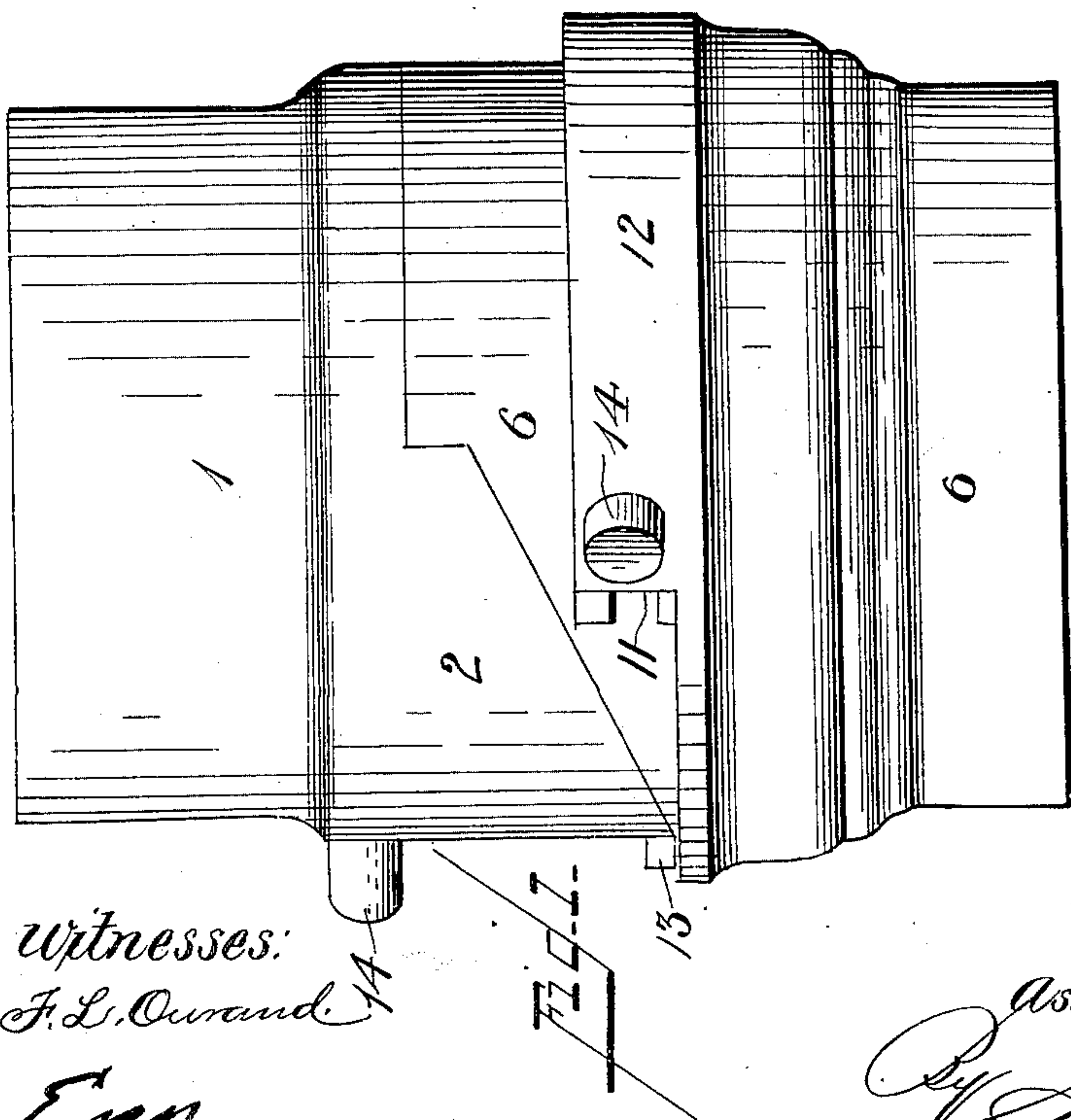
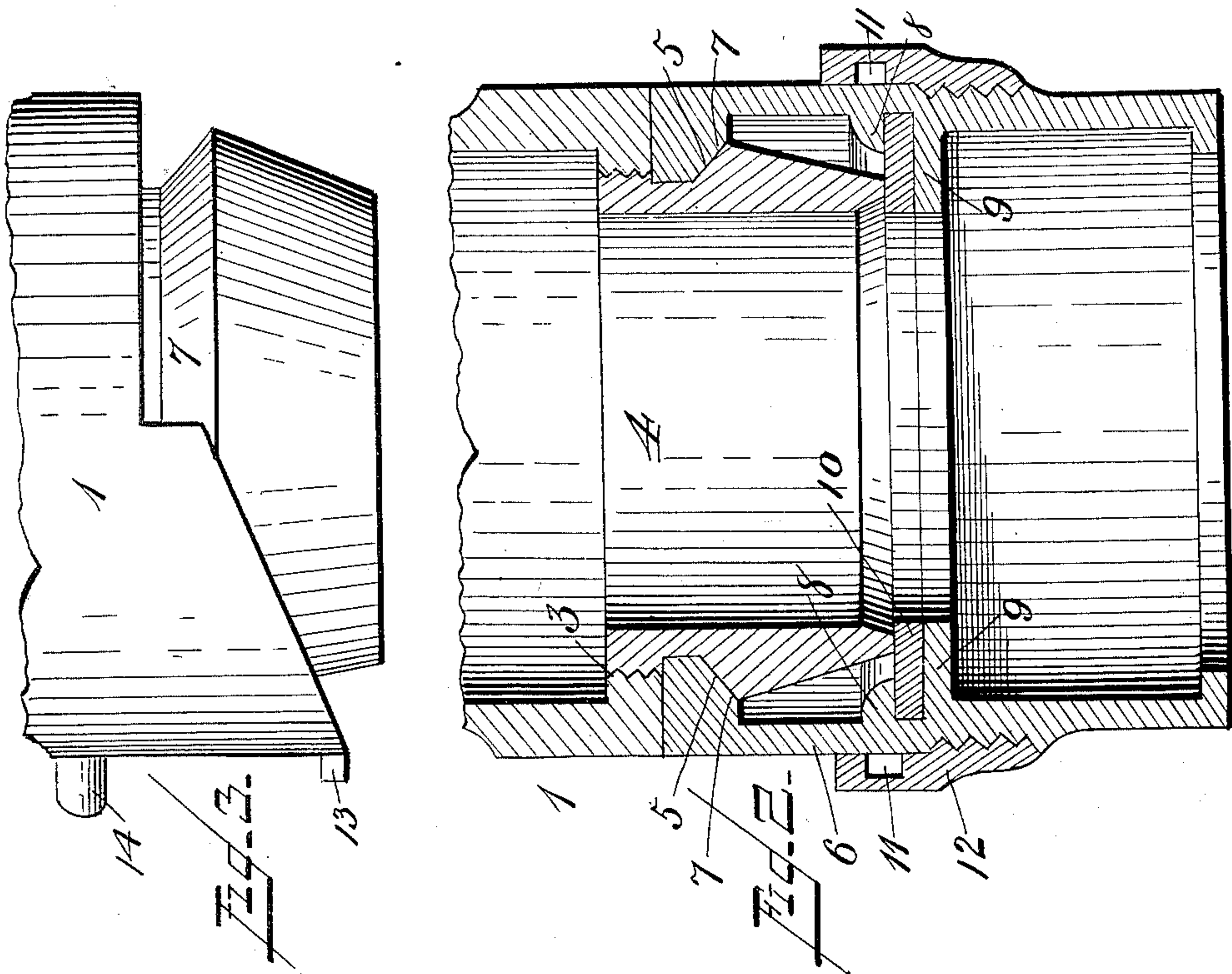
No. 657,037.

Patented Aug. 28, 1900.

A. M. SPICKELMIER.
HOSE COUPLING.

(Application filed Jan. 6, 1900.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

ASA M. SPICKELMIER, OF TUALITIN, OREGON, ASSIGNOR OF ONE-HALF TO
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HOSE-COUPLING.

SPECIFICATION forming part of Letters Patent No. 657,037, dated August 28, 1900.

Application filed January 8, 1900. Serial No. 562. (No model.)

To all whom it may concern:

Be it known that I, ASA M. SPICKELMIER, a citizen of the United States, residing at Tualitin, in the county of Washington and State of Oregon, have invented new and useful Improvements in Hose-Couplings, of which the following is a specification.

My invention relates to hose-couplings principally designed for connecting together the sections of fire-hose, but which may be used to advantage in connecting a hose to a hydrant or plug, if desired.

The object of the invention is to provide an improved construction of coupling which shall possess superior advantages with respect to efficiency in use.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a side elevation of a hose-coupling constructed in accordance with my invention. Fig. 2 is a longitudinal section of the same. Fig. 3 is an elevation of one of the sections of the coupling detached from the other section.

In the said drawings the reference-numeral 1 designates one of the sections of the coupling, formed at the outer end upon one side with a segmental enlargement or extension 2, which extends about half-way around the same and the ends of which are cut away on an inclined line, as seen in Figs. 1 and 3. This section is also formed with an interior circular flange 3, provided with screw-threads with which engage corresponding threads on a nipple 4, by which the latter is held in place on said section. This nipple is formed with a beveled shoulder 5 on its exterior, with which the other section of the coupling is adapted to engage.

The numeral 6 designates the other section of the coupling, which is cut away to conform to the contour of the extension of the section 1 and at the outer end is formed with an interior beveled flange 7, which engages with the shoulder 5. It is also provided with flanges 8 and 9, between which is interposed a washer 10. Intermediate its ends this section 6 is formed with screw-threads, with

which engage corresponding threads on a rotatable band or ring 12. This ring or band is formed with a circular groove 11 in its inner side, with which is adapted to engage a lug 13 on the section 1.

In using the invention the section 1 is secured to a section of hose in any suitable manner, while the other section 6 is secured to another section of hose. The nipple 4 is engaged with the section 1 and held in place thereon by the screw-threads thereof engaging with the screw-threads of said section. To connect the two sections or couplings, the beveled end of the section 6 is engaged with the extension 2 of the section 1, and the ring or band is then turned, so that the lug 13 of the section 1 will come into engagement with the groove 11, by means of which the two sections 1 and 6 will be firmly clamped to each other and the washer against which the outer end of the nipple 4 bears will make a perfectly-tight and waterproof joint. Lugs 14 are formed on said section 1 and the band or ring 12, with which a wrench or other instrument is engaged in connecting the said sections with each other.

Having thus fully described my invention, what I claim is—

1. In a hose-coupling, the combination with the section formed with an extension cut away on inclined lines at the outer edge, and formed with a lug and with interior screw-threads and the nipple having a beveled peripheral shoulder connected with said section, of the section cut away to conform to the contour of said extension, formed with an interior flange adapted to engage with said shoulder and the screw-threaded rotatable ring or band formed with an interior groove with which said lug is adapted to engage, substantially as described.

2. In a hose-coupling, the combination with the section formed with an extension cut away on inclined lines at the outer edge and formed with a lug and interior screw-threads and the nipple having a beveled shoulder connected with said section, of the section cut away to conform to the contour of the said extension formed with an interior flange adapted to en-

gage with said shoulder and also formed with
flanges intermediate the ends, the washer in-
terposed therebetween and the rotatable ring
or band having an interior circular groove
5 with which said lug is adapted to engage, sub-
stantially as described.

In testimony whereof I have hereunto set

my hand in presence of two subscribing wit-
nesses.

ASA M. SPICKELMIER.

Witnesses:

VALENTINE BROWN,
THOMAS H. WARD.