

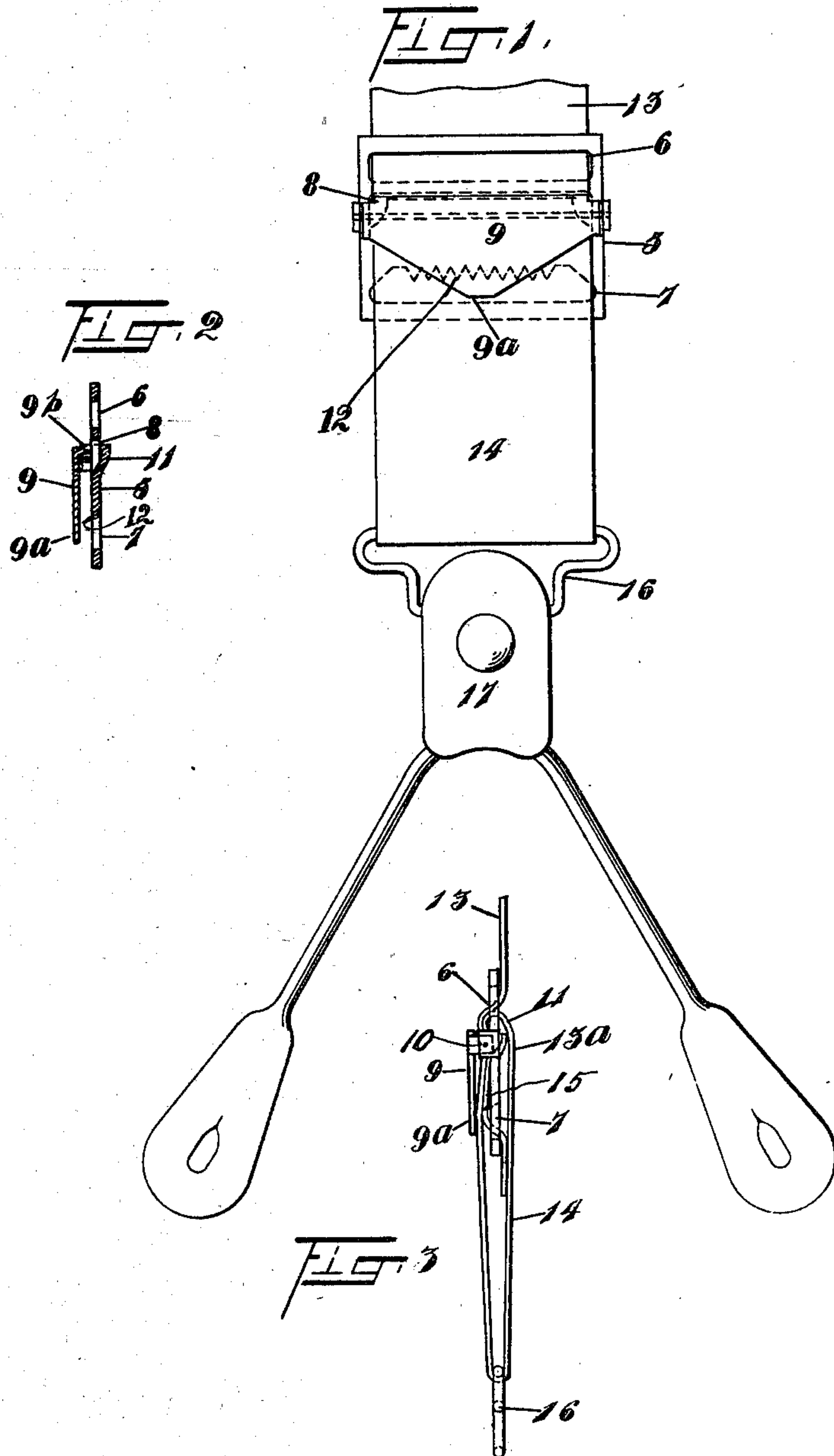
No. 734,686.

PATENTED JULY 28, 1903.

H. ENGELMAN.
BUCKLE.

APPLICATION FILED SEPT. 12, 1901.

NO MODEL.



WITNESSES
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UNITED STATES PATENT OFFICE.

HARRY ENGELMAN, OF NEW YORK, N. Y.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 734,686, dated July 28, 1903.

Application filed September 12, 1901. Serial No. 75,146. (No model.)

To all whom it may concern:

Be it known that I, HARRY ENGELMAN, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Buckles, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

The object of this invention is to provide an improved buckle, particularly designed for use as a suspender-buckle, but which may be employed for other purposes; and with this and other objects in view the invention consists in a buckle constructed as hereinafter described and claimed.

In the drawings forming part of this specification, in which the separate parts of my improvement are designated by the same reference characters in each of the views, Figure 1 is a front view of my improved buckle applied to a suspender; Fig. 2, a central vertical section of the buckle, and Fig. 3 a side view of the buckle with a suspender-strap connected therewith as shown in Fig. 1.

In the practice of my invention I provide a buckle which comprises a main base-plate 5, having a top transverse slot or opening 6, a bottom transverse slot or opening 7, and an intermediate transverse slot or opening 8, which is adjacent to the top slot or opening 6. Pivoted transversely of the front of the main base-plate 5 and just below the intermediate slot or opening 8 is a clamp 9, of the usual form, and the pivotal supports of which are shown at 10. The clamp 9 consists of a plate having a downwardly-directed central portion 9^a, which projects transversely of and nearly across the slot or opening 7, and the upper edge of said clamp is provided with backwardly-directed teeth 9^b, which extend backwardly in the direction of the intermediate slot or opening 8, and the lower wall of the slot or opening 8 is curved backwardly and upwardly, as shown at 11 in Fig. 2. By forming the transverse slot or opening 8 as described and curving the bottom wall thereof backwardly and upwardly I provide room for the operation of the teeth 9^b of the clamp 9, as hereinafter described.

The upward transverse wall of the bottom slot or opening 7 is provided with forwardly

or outwardly directed teeth 12, and in connecting this buckle with the suspender-strap, such a strap being shown at 13, the end of said strap is passed forwardly through the slot or opening 6, then downwardly between the clamp 9 and the base-plate 5, then around the bottom of the base-plate to form a loop 14, and then across the back of the base-plate and again through the slot or opening 6, and then downwardly again between the clamp and the base-plate, as shown at 15 in Fig. 3, and then through the bottom slot or opening 7, and in this operation the said strap may be passed through a retaining-link 16 of a trousers-suspending device 17. When this operation of connecting the strap with the buckle has been performed and the clamp 9 turned down into the position shown in the drawings, the suspender-strap will be securely held, and all that is necessary to shorten the suspender when such operation is desired is to turn the clamp 9 upwardly and outwardly and then pull down the front part of the loop 14, as will be readily understood. This operation will lengthen said loop, as will also be understood, and when it is desired to lengthen the suspender-strap the clamp 9 is raised and the strap pulled upwardly through the buckle.

This buckle is simple in construction and operation and comparatively inexpensive and may be used wherever buckles of this class are desirable, and when the buckle is used on a pair of suspenders that part of the suspender-strap at the back of the buckle and designated in Fig. 2 by the reference-numeral 13^a and the upper part of said strap above the slot or opening 8 covers the back of the buckle and prevents the latter from cutting, wearing, and rusting a shirt or other garment.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A buckle comprising a base-plate having transverse slots or openings in the top and bottom portions thereof, an intermediate slot or opening between said first-named slots or openings and adjacent to the top slot or opening, and forwardly-extending side lugs or projections at the end of the intermediate slot or opening, and a clamp pivoted to said lugs

or projections transversely of the front of the
base-plate and in front of the intermediate
slot or opening and provided at its upper edge
with backwardly-directed teeth arranged in
5 transverse line with the intermediate slot or
opening and the lower end of which clamp
extends downwardly over the bottom slot or
opening, the bottom slot being adapted to re-
ceive the end of the web of the suspender
10 which is passed forwardly through the top
slot or opening around the bottom portion of
the buckle and forwardly through the top

slot or opening again and then downwardly
and backwardly through the bottom slot or
opening, substantially as shown and de- 15
scribed.

In testimony that I claim the foregoing as
my invention I have signed my name, in pres-
ence of the subscribing witnesses, this 9th day
of September, 1901.

HARRY ENGELMAN.

Witnesses:

F. A. STEWART,
F. F. TELLER.