

No. 717,189.

Patented Dec. 30, 1902.

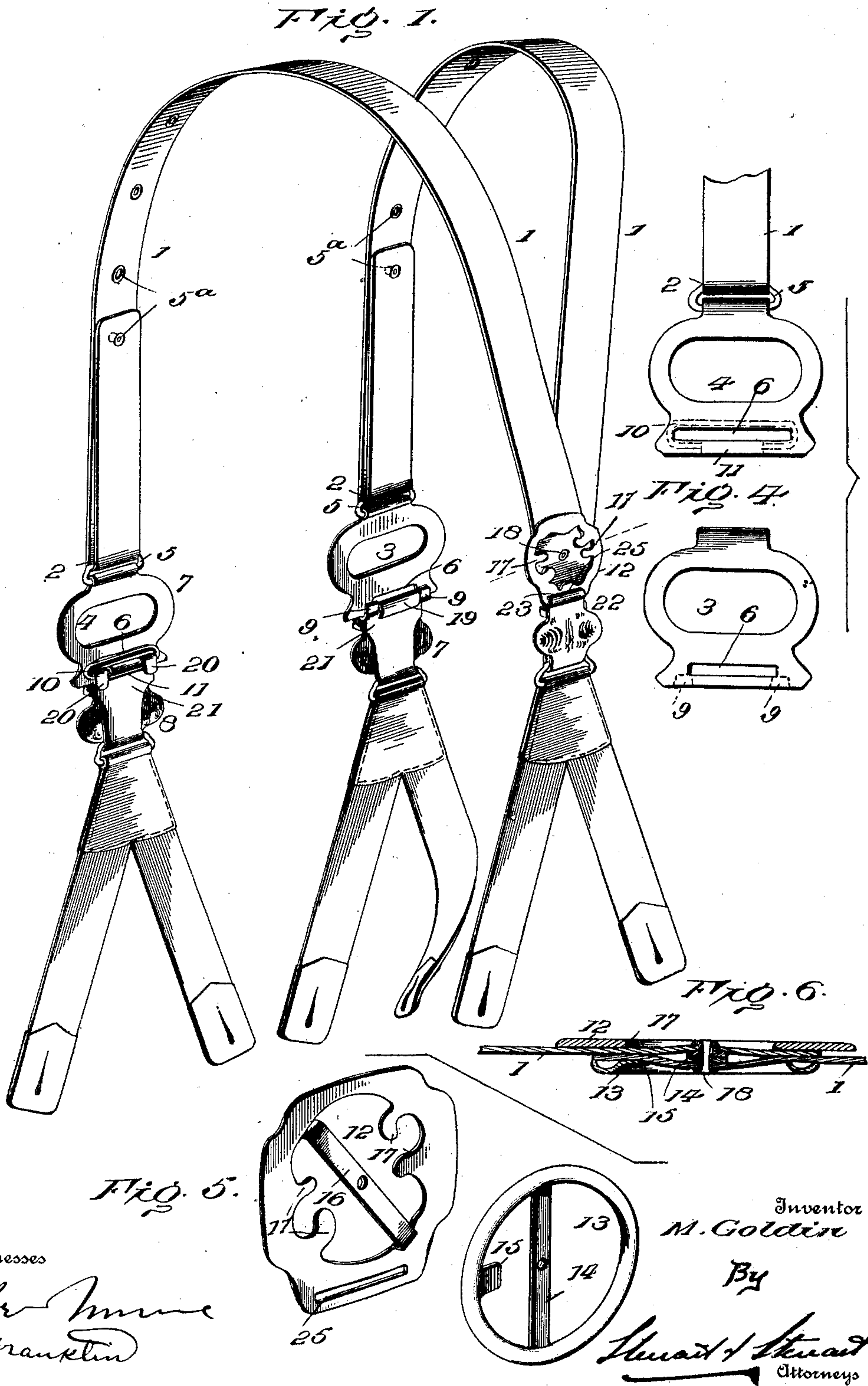
M. GOLDIN.

COMBINED SUSPENDERS AND BELT.

(Application filed Aug. 27, 1902.)

(No Model.)

2 Sheets—Sheet 1.



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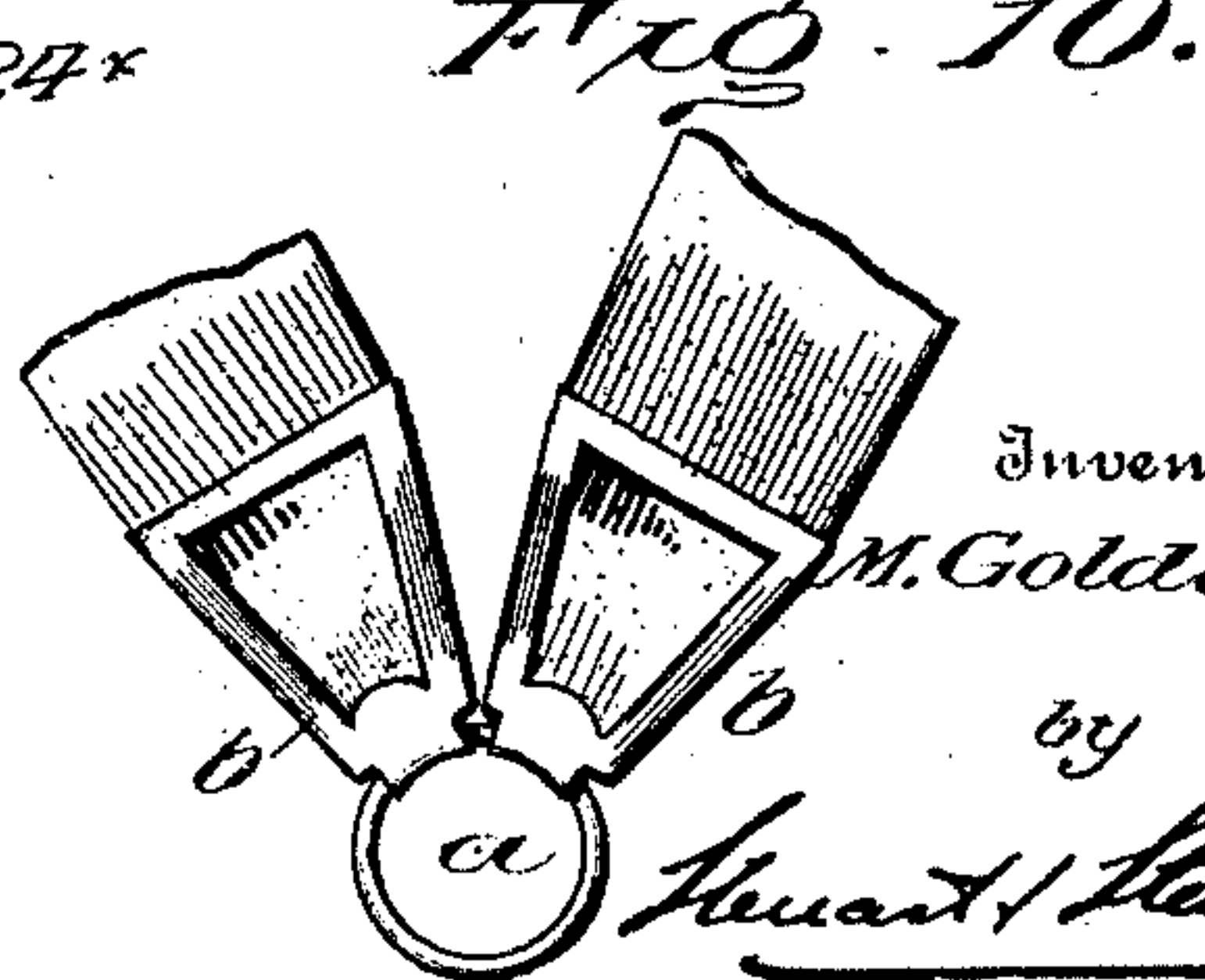
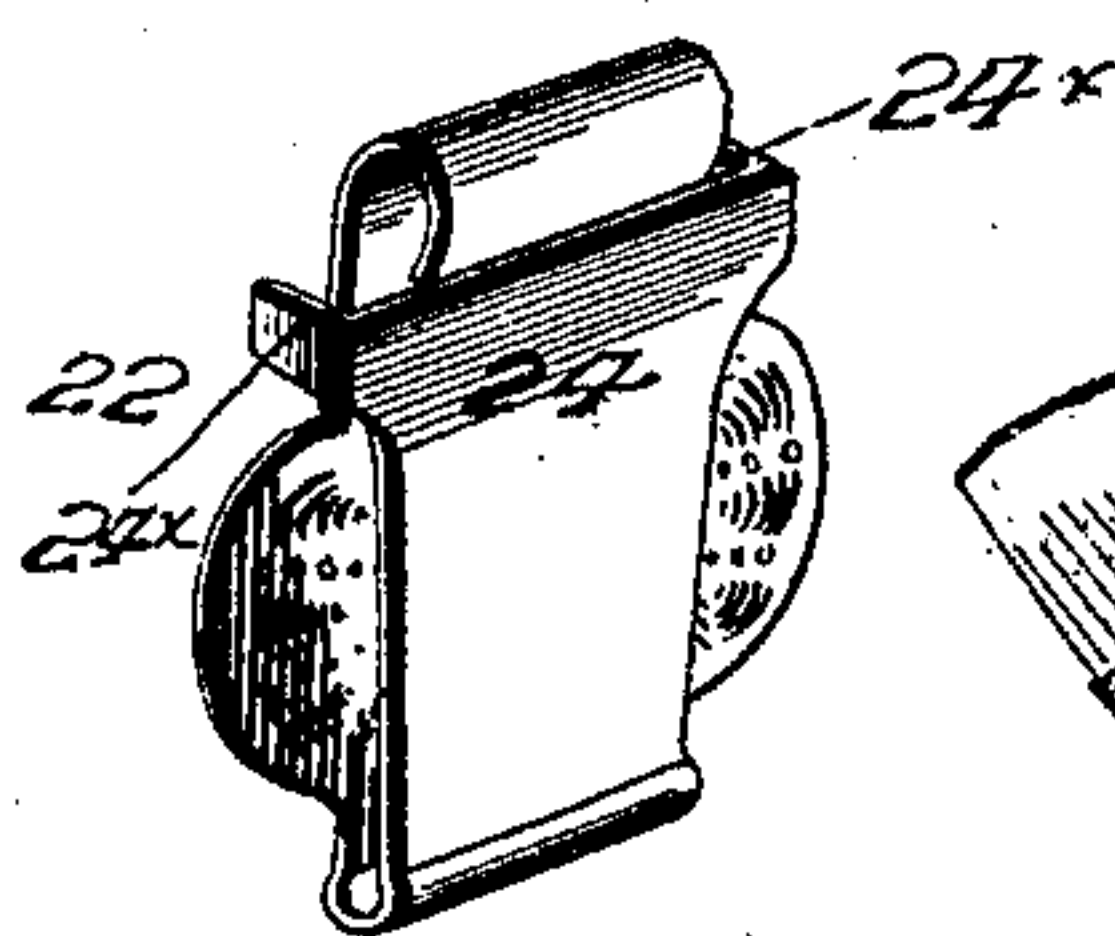
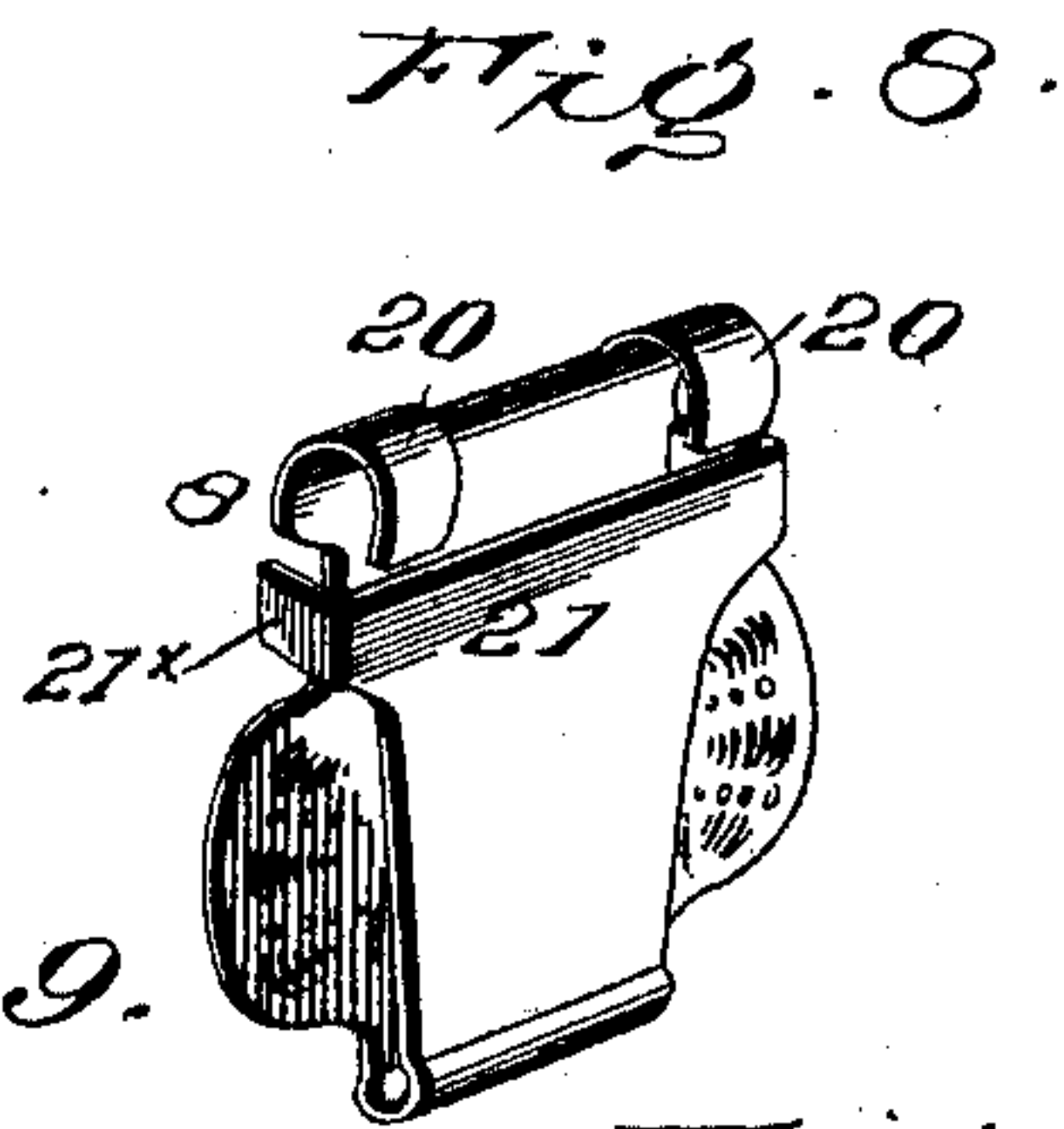
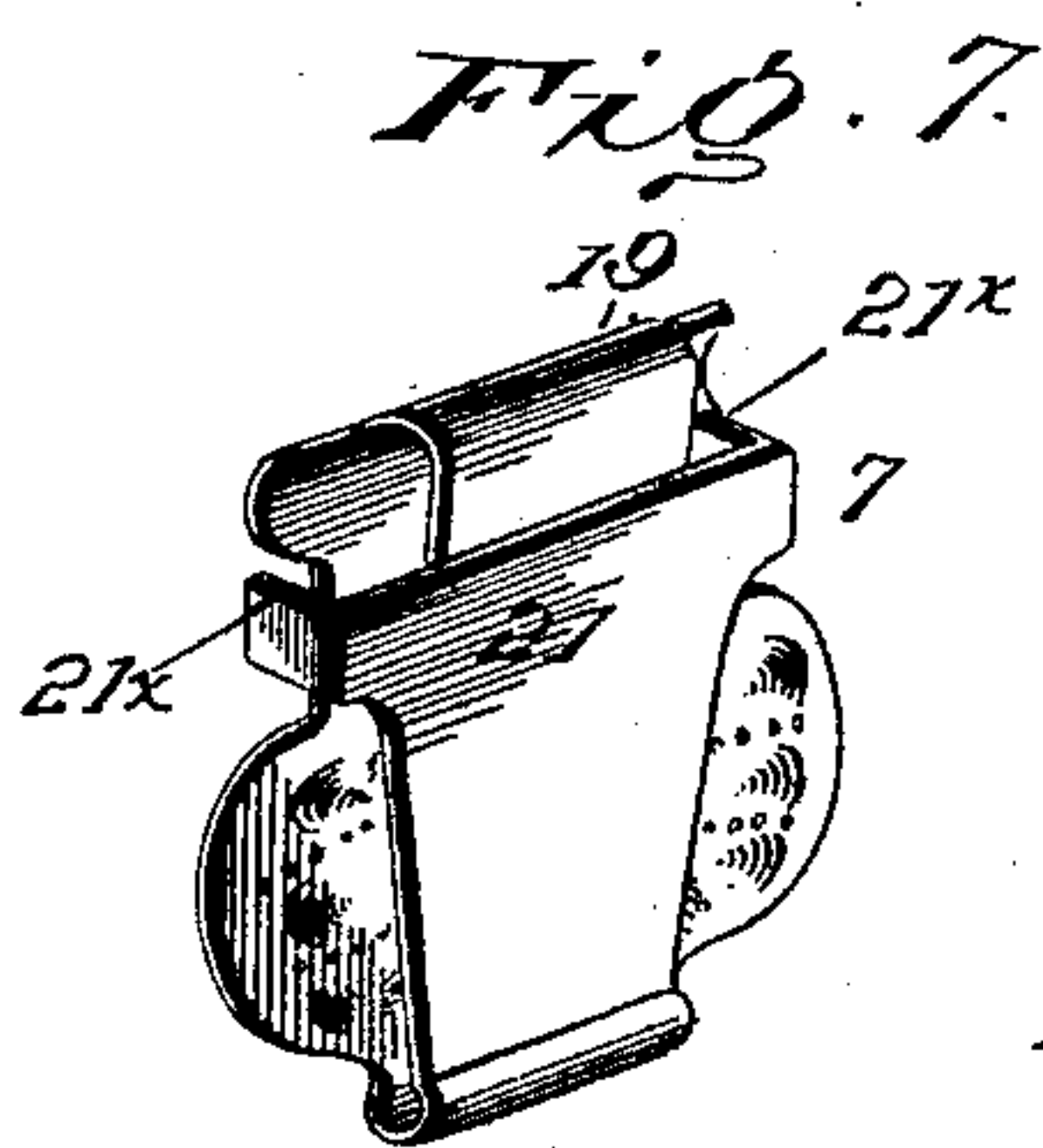
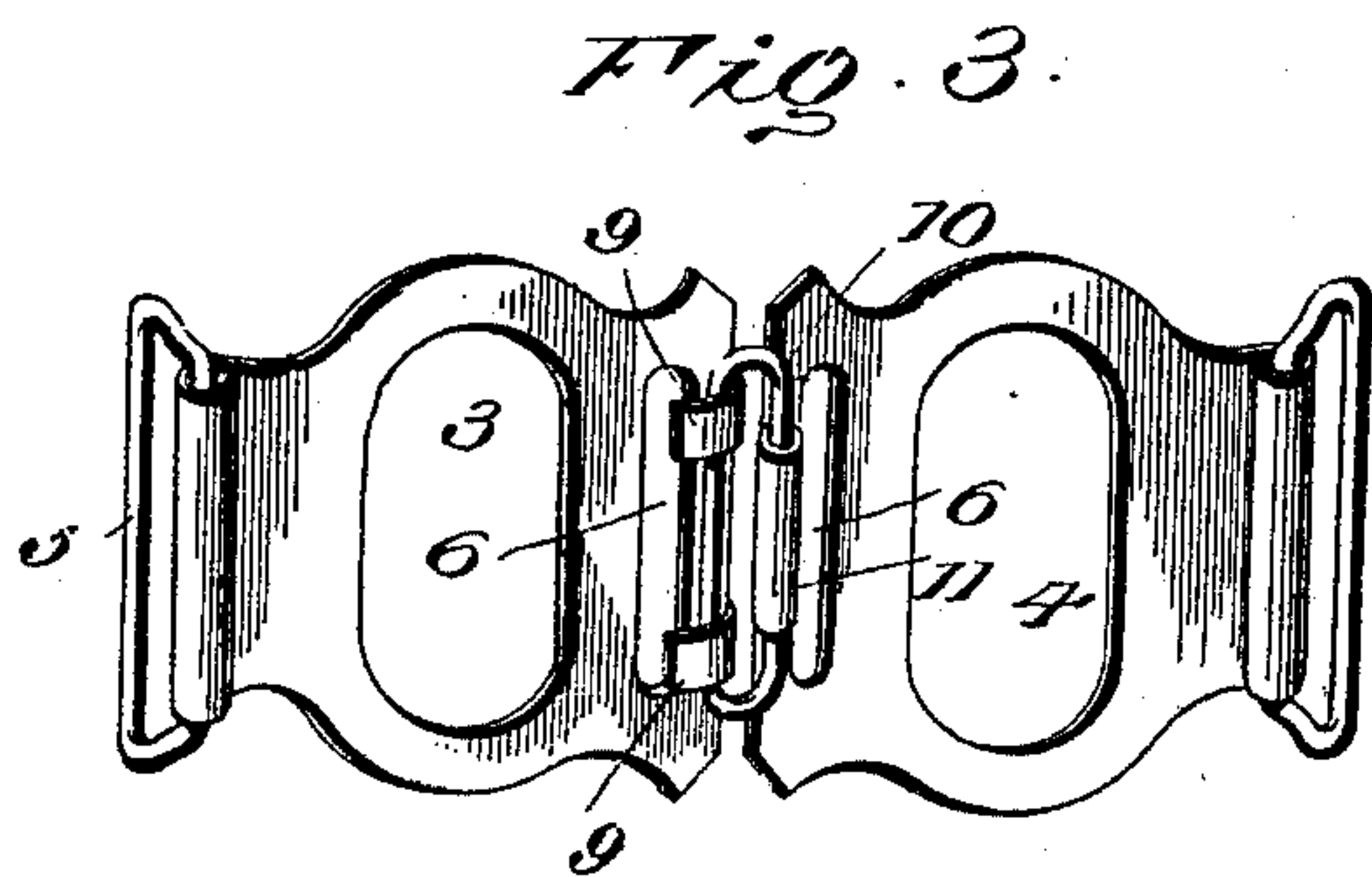
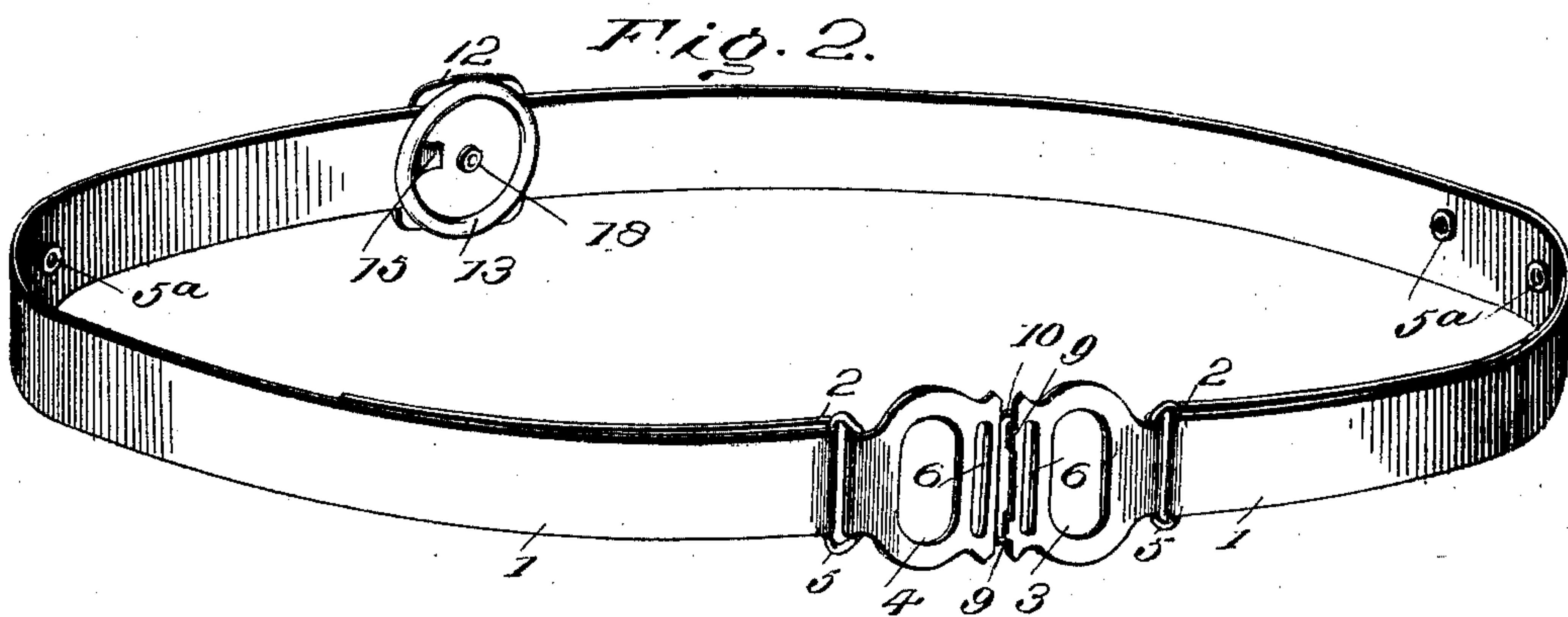
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2 Sheets—Sheet 2.



Witnesses

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UNITED STATES PATENT OFFICE.

MAYER GOLDIN, OF NEW YORK, N. Y., ASSIGNOR OF ONE-HALF TO PINCUS GLICKMAN, OF NEW YORK, N. Y.

COMBINED SUSPENDERS AND BELT.

SPECIFICATION forming part of Letters Patent No. 717,189, dated December 30, 1902.

Application filed August 27, 1902. Serial No. 121,229. (No model.)

To all whom it may concern:

Be it known that I, MAYER GOLDIN, a citizen of the United States of America, and a resident of the city, county, and State of New York, have invented certain new and useful Improvements in a Combined Suspenders and Belt, of which the following is a specification.

The invention relates to an improved suspender-and-belt trousers-support wherein the device is adapted to serve either as a suspender or belt and to be readily convertible from one to the other.

The main object of the invention resides in the construction of the front buckles, which serve as coupling-buckles when the device is in use as a belt and as supporting-buckles when the device is in use as suspenders. Heretofore in devices of this class these buckles have been of noticeably different individual construction, necessitated by their double use, adding materially to the cost of and detracting from the general appearance of the device, while by my invention these buckles are practically identical in shape and construction, appearing exactly similar when in use as suspender-buckles and meeting closely end to end without overlapping when in use as belt-buckles.

A further object of the invention resides in the rear buckle at the meeting ends of the straps of the device, which buckle is of ornamental outline and is provided with means to clamp or hold one of the meeting ends of the straps.

The invention will be described in detail in connection with the accompanying drawings, wherein my invention is fully illustrated, and in which—

Figure 1 is a perspective view from the rear, illustrating my improved convertible trousers-support in use as suspenders. Fig. 2 is a similar view of the device used as a belt. Fig. 3 is a rear elevation of the buckles in use as belt-buckles. Fig. 4 is a front elevation of the buckles in use as suspender-buckles. Fig. 5 is a perspective view of the members forming the pivotal connection for the meeting ends of the straps. Fig. 6 is a sectional view showing the pivotal connection of the straps. Figs. 7, 8, and 9 are perspective views of the different suspender-tab clips.

Fig. 10 is an elevation illustrating a modified form of connector for the straps.

Referring to the accompanying drawings, in which like reference characters represent like parts throughout the several views, my improved convertible trousers-support comprises two straps 1, preferably of non-elastic material, such as light ornamental leather or the like, which straps serve as shoulder-straps or a belt-strap, according to the use of the device.

The rear or meeting ends of the straps are pivotally connected in a manner to be described, while the front or free ends are designed to be formed into loops 2 to receive the front buckles 3 and 4, the ends of the straps and the body thereof being provided with co-operating means to adjust the length of the straps, in the present instance snap-buttons 5^a being shown for this purpose.

Buckles 3 and 4 are exactly identical in appearance, being of ornamental shape and each provided at one end with a loosely-mounted strap-receiving member 5 and formed at the opposite end with an opening 6 to receive the metal clips 7 and 8 of the suspender-tabs. In order to adapt these buckles 3 and 4 to serve as coupling-buckles when the device is to be used as a belt, I provide buckle 3 adjacent opening 6 with two hooks 9, spaced apart, and provide buckle 4 with a receiving-loop 10 for said hooks, said loop being loosely mounted in a bearing-collar 11, secured to buckle 4 adjacent opening 6 and designed to be turned back against the buckle when the latter is in use as a suspender-buckle, as shown in Figs. 1 and 4, and be turned down to project below the edge of buckle 4 when in use as a belt-buckle, as shown in Fig. 3.

The meeting ends of straps 1 are pivotally connected through the medium of an outer buckle member 12 and an inner ring member 13. The ring member is formed with a bridge-piece 14 and with a projecting spring-tongue 15, while the buckle member is formed with a bridge-piece 16 and a series of oppositely-disposed spring-tongues 17. Said spring-tongues 15 and 17, operating in conjunction with the bridge-pieces 14 and 16, serve to bind the strap-terminals in an obvious manner in the respective members 12 and 13. The end of

the strap entering the ring member is passed through the ring and clamped or held between the bridge 14 and tongue 15, while the end of the strap fixed to the buckle member is passed through the buckle and held between the bridge 16 and the spring-tongues 17. The buckle and ring members are then placed together with the respective bridges 14 and 16 in contact and a rivet 18 passed through the straps and bridges, securing the whole in a manner to permit pivotal movement of the straps with relation to each other. A firm connection without strain on the straps is secured by the rivet passing through the metal bridges 14 and 16, as has been explained.

The suspender-tabs are of usual or preferred construction and depend from clips 7 and 8, designed to cooperate with buckles 3 and 4, respectively. Clip 7 is formed at its engaging end with a single hook member 19 of a size to engage the lower edge opening 6 in buckle 3 and rest between hooks 9, while the engaging end of clip 8 is formed with two hook members 20, designed to engage the lower edge of opening 6 in buckle 4, embracing said edge each side the collar 11. It is to be understood that the clips are each provided with the usual spring-plate 21, having the usual guiding-ears 21^x, designed to cooperate with the clip-engaging means in the usual manner, all as shown in Figs. 7 and 8.

A suspender-tab clip 22 for the rear of the suspenders is provided with a broad hook member 23, having the usual cooperative spring-plate 24, having guiding-ears 24^x, which hook member engages one wall of an opening 25, formed in the buckle member 12 of the pivotal connection at the meeting ends of the straps, as shown in Fig. 9.

The use of the device as suspenders is clearly shown in Fig. 1, the manner of assembling the parts being obvious from the drawings. Attention is directed particularly to Fig. 4, wherein is shown a front elevation of buckles 3 and 4 in use as suspender-buckles. From this showing it will be noted that the buckles are exactly identical in appearance when in use as suspender-buckles, as the hooks 9 and cooperative loop 10 for use in adapting the device as a belt are not in view, being concealed by the wall of the respective buckle, and hence the suspenders present no variation to indicate a double use.

In adapting the device as a belt the clips supporting the suspender-tabs are removed from the buckles, the straps 1 turned in alignment on their pivotal connection, and loop 10 of buckle 4 turned down below the edge of the buckle. After coupling the buckles as a belt-fastening by engaging hooks 9 of the buckle 3 and loop 10 of buckle 4, as shown in Fig. 3, it will be seen that the meeting edges of the buckles proper are in correct alignment without overlapping and that from a front view the belt-coupling presents an even attractive appearance.

From the above description it will be seen

that the buckles 3 and 4 when in use as suspender-buckles are of exactly similar appearance, as is highly desirable, and when in use as belt-buckles the meeting edges do not overlap or interfere with each other in the slightest degree.

The construction of the buckles to serve the double use and yet present the most desirable appearance in each use and be at the same time practically identical in construction to reduce cost I regard as the important feature of my invention and do not desire to limit myself to the exact details described and illustrated.

In Fig. 10 I have illustrated a modified form of means for connecting the terminals of the straps. This form consists of a ring *a* and a frame *b*, fastened to the straps, each frame having an eye to engage the ring to permit easy and free movement when the improvement is used as a pair of suspenders or a belt. The suspender-tab clip 22 may be the same as shown in the preferred form.

What I claim as new is—

1. A convertible trousers-support, comprising two straps pivotally connected at their meeting ends and buckles adjustable on the free ends of the straps, each of said buckles being formed with openings to receive and support the suspender-tab clips, and means to couple said buckles as belt-buckles, said means being concealed by the front wall of the buckles, when the buckles are in use as suspender-buckles.

2. A convertible trousers-support, comprising two straps pivotally connected at their meeting ends and buckles adjustable on the free ends of the straps, each of said buckles being formed with openings to receive and support the suspender-tab clips, one of said buckles being provided with a loop and the other with hooks to couple the buckles as belt-buckles, said loop and hooks being concealed by the front wall of the respective buckles, when the buckles are in use as suspender-buckles.

3. A convertible trousers-support comprising two straps pivotally connected at their meeting ends, and buckles, adjustable on the free ends of the straps, said buckles being formed with identical openings to receive the suspender-tab clips, one of the buckles being formed with hooks and the other with a loop to couple the buckles as belt-buckles, said hooks being concealed by the wall of their buckle and the loop turned back behind its buckle when said buckles are in use as suspender-buckles.

4. A convertible trousers-support comprising two straps, buckles on the free ends of said straps, and a pivotal connection for the meeting ends of the straps, said pivotal connection comprising a buckle member and a ring member, the buckle member being provided with a bridge-piece and with spring-tongues between which the end of one strap is clamped, the ring member being provided

with a bridge-piece and a spring-tongue to clamp the end of the other strap, and a pivot passing through the ends of the straps and through the respective bridge-pieces.

5 5. A convertible trousers-support comprising two straps pivotally connected at their meeting ends, a buckle on the free end of one strap, said buckle being formed with an opening to receive a suspender-tab clip and
10 with two hooks adjacent said opening, a clip carrying a suspender-tab and formed with a hook to engage the opening in the buckle and resting between the hooks adjacent thereto, a second buckle on the free end of
15 the other strap, said buckle being formed with an opening to receive a suspender-tab clip and provided with a loop movable in a bearing-collar fixed to the buckle adjacent the opening, and a second clip carrying a
20 suspender-tab and provided with two hooks adapted to engage the edge of the opening in the second buckle and to rest at each side of the loop-bearing collar.

6. A convertible trousers-support comprising two straps, buckles on the free ends of 25 said straps, and a pivotal connection for the meeting ends of the straps, said pivotal connection comprising a buckle member and a ring member, the buckle member being provided with a bridge-piece and with spring- 30 tongues between which the end of one strap is clamped, the ring member being provided with a bridge-piece and a spring-tongue to clamp the end of the other strap, and a pivot 35 passing through the ends of the straps and through the respective bridge-pieces, said buckle member being formed with an opening to receive and support the rear suspender-tab clip.

Signed by me at New York, N. Y., this 22d 40 day of August, 1902.

MAYER GOLDIN.

Witnesses:

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