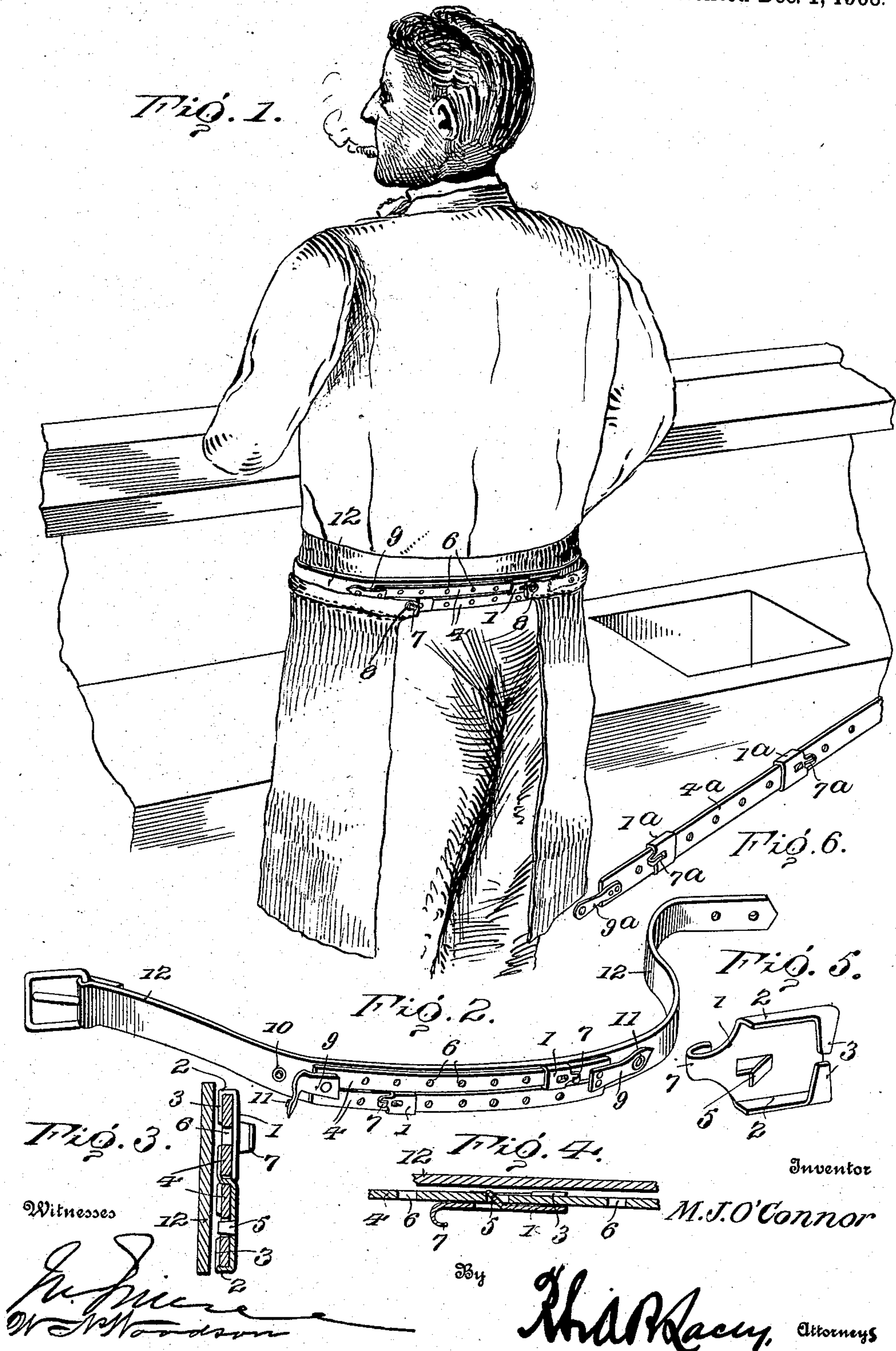


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 APRON FASTENING DEVICE.
 APPLICATION FILED MAR. 27, 1908.

905,216.

Patented Dec. 1, 1908.



UNITED STATES PATENT OFFICE.

MICHAEL J. O'CONNOR, OF DENVER, COLORADO.

APRON-FASTENING DEVICE.

No. 905,216.

Specification of Letters Patent.

Patented Dec. 1, 1908.

Application filed March 27, 1908. Serial No. 423,733.

To all whom it may concern:

Be it known that I, MICHAEL J. O'CONNOR, citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Apron-Fastening Devices, of which the following is a specification.

This invention comprehends certain new and useful improvements in fastening devices for aprons of that type commonly employed for bartenders' or waiters' use, and that are usually provided with corner gromets or eyelets in which the apron strings are tied, and the invention has for its object means for fastening the apron around the wearer's waist, which will do away with the difficulties incidental to the use of strings, and which will at the same time result in positively advantageous features.

The invention relates specifically to improvements in that type of apron fastening device for which I have obtained Letters Patent of the United States No. 850,960, dated April 23, 1907, said patented device consisting of a waist belt and clips mounted to slide thereon, the clips being arranged to be held at different relative positions on the belt, and being provided with fingers designed to take into the corner gromets of the apron.

The present invention consists in certain details of construction and arrangements of the parts of an adjustable apron fastener such as the patented one which is referred to above, said constructions and arrangements being hereinafter fully described and the novel features thereof pointed out in the appended claims.

For a full understanding of the invention and the merits thereof, reference is to be had to the following description and accompanying drawing, in which:

Figure 1 is a rear perspective view of my improved apron fastening device illustrating its application; Fig. 2 is a perspective view of the waist belt with its attachment; Fig. 3 is a transverse sectional view through the clips and their supporting straps; Fig. 4 is a longitudinal sectional view thereof; Fig. 5 is a detail perspective view of one of the clips. Fig. 6 is a perspective view of a modification hereinafter specifically referred to.

Corresponding and like parts are referred to in the following description and indi-

cated in all the views of the drawing, by the same reference characters.

Each of the improved clips 1 of my present invention embodies a plate which is formed at its side edges with flanges 2, said flanges being continued at transversely aligned points at one end of the plate, and being turned inwardly towards each other so as to form retaining tongues 3, by which the clip is mounted for sliding movement on a strap 4. Each clip 1 is provided with a beveled or inclined lug 5 designed to take into any one of a series of apertures 6 in the strap 4 to which the clip is attached, the inclination or beveling of the lug permitting the clip to slide freely along the strap in one direction, but preventing any free movement thereof in the opposite direction. Each clip 1 is also formed at one end opposite the end formed with the tongues 3, with an outwardly extending hooked finger 7 designed to take into a gromet 8 of an apron.

The straps 4 are two in number, as shown, and are arranged one above the other, and are provided at their ends with tabs 9, each of said tabs carrying one member 11 of a spring socket or similar fastener designed for detachable engagement with a complementary member 10 secured to a waist belt 12.

In the preferred manufacture of the parts, clip 1 may be very cheaply formed out of one piece of sheet metal, or stamped and shaped in practically one operation, the tongues 3 and finger 7 being integral parts of the plate or blank, out of which the clip is formed, and the lug 5 being also an integral part and being punched out of the metal, as clearly indicated in the drawing. Preferably also, the two straps 4 are formed of one piece of leather or other material slit along a median line from a point near one end, to the opposite end, and being pivoted or otherwise securely attached at its ends, to the tabs 9. For the fasteners, those of the ordinary type known as glove fasteners may be employed.

In the practical application and operation of my improved apron fastening device, either before or after the waist belt is fastened around the wearer's waist, the clip supporting attachment constituted by the straps 4 and their tabs, is secured by the fastening devices to the rear side of the belt, and after the apron has been placed around the waist, the hooked fingers 7 of the respective clips 1 are entered into the corner gromets 8 of

the apron, and the clips are slid in opposite directions and held snugly and securely in place. It is to be particularly noted that owing to the inclined or beveled feature of the lugs, the clips may be slid in one direction along their supporting straps 4, but are held against accidental movement in the opposite direction. Such opposite movement to loosen the apron may be readily effected owing to the fact that the tongues 3 that retain the clips on the straps, are at one end only of the respective clips; hence this mounting of the clips permits the same to be rocked outwardly on the belt, so as to release the lugs from the apertures of the belt, in order that the clips may be slid freely in either direction.

From the foregoing description, in connection with the accompanying drawing, it will be seen that I have provided a very cheap, simple, durable and efficient construction of apron fastening device of this character, which is formed as a complete attachment separate from the waist belt, and which may be easily applied thereto or detached therefrom, so that the belt may remain around the wearer's waist and serve its ordinary functions after the attachment has been removed therefrom and when it is not desired for use, which is a desideratum, particularly in the case of women, as the small fasteners that remain as parts of the waist belt, are comparatively inconspicuous.

It is to be understood that my invention is not limited to a double attachment such as that illustrated in Figs. 1 and 2. For instance, as illustrated in Fig. 6, the clips 1^a with their fingers 7^a, like the clips 1, may be mounted on a single strap attachment 4^a secured by its tabs 9^a in a detachable manner to a waist belt.

Having thus described the invention, what I claim is:

1. In a fastening means for aprons, the combination with a waist belt, of a strap attachment therefor, means for securing said attachment to the belt, and clips mounted to slide on said attachment and provided with fingers designed to take into the gromets of an apron.

2. In an apron fastening means, the combination with a waist belt, of a strap attachment therefor, and clips mounted to slide on said attachment and provided with means for automatically limiting the sliding movement to one direction, said clips being

provided with fingers designed to take into the gromets of an apron.

3. In an apron fastening means, the combination with a waist belt provided with separable fastening members, of a clip supporting attachment embodying straps and tabs secured thereto, said tabs being also provided with separable fastening members by which they are designed to be secured to the fastening members of the belt, and clips mounted to slide on said straps, and provided with fingers designed to take into the gromets of an apron, and also provided with means for holding them at different positions on the straps.

4. A waist belt attachment of the character described, comprising a pair of straps, attaching tabs secured to said straps, and clips mounted to slide on said straps and arranged to be held thereon in different positions, said clips being provided with fingers designed to take into the gromets of an apron.

5. A device of the character described, comprising straps, attaching means secured to said straps, said straps being provided with a series of apertures respectively, and clips mounted to slide on said straps, and each formed with a lug arranged to take into the apertures, and designed to automatically limit the sliding movement of the clips to one direction respectively, said clips being respectively provided with fingers designed to take into the gromets of an apron.

6. An apron fastening device of the character described, comprising a clip supporting attachment formed with apertures, and clips formed at one end with inwardly extending retaining tongues by which they are mounted to slide on said attachment, said clips being formed at their opposite ends with tongues adapted to take into said apertures and with fingers designed to engage the gromets of an apron.

7. In a fastening means for aprons, the combination with a waist belt of a strap attachment therefor, means for securing said attachment to the belt, and clips mounted to slide on said attachment and arranged for connection to an apron.

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

MICHAEL J. O'CONNOR. [L. s.]

Witnesses:

DUNCAN W. MILLER,
HENRY C. JONES.