

J. J. TYRRELL.
WRIST SUPPORTER.
APPLICATION FILED JUNE 15, 1908.

923,217.

Patented June 1, 1909.

Fig. 1.

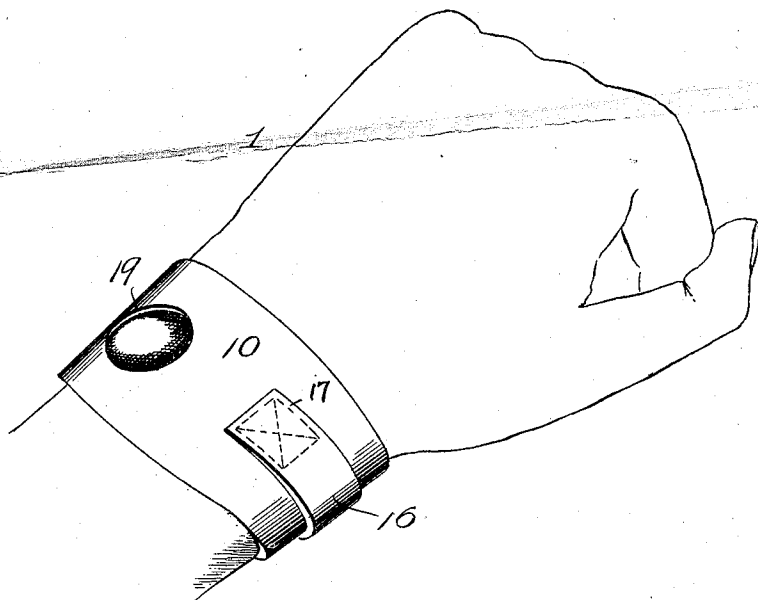
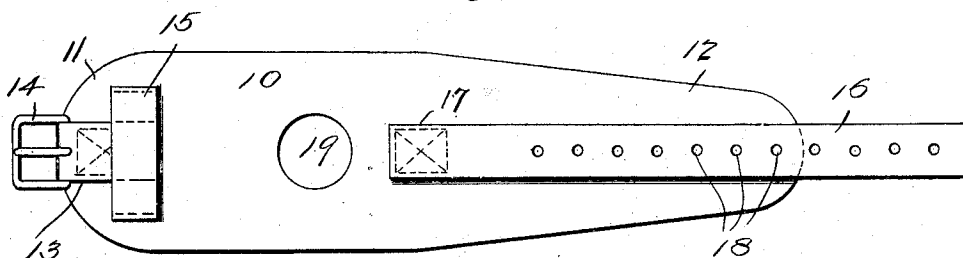


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN JAMES TYRRELL, OF YONKERS, NEW YORK.

WRIST-SUPPORTER.

No. 923,217.

Specification of Letters Patent.

Patented June 1, 1909.

Application filed June 15, 1908. Serial No. 438,544.

To all whom it may concern:

Be it known that I, JOHN JAMES TYRRELL, a citizen of the United States, and resident of Yonkers, in the county of Westchester and State of New York, have invented certain new and useful Improvements in Wrist-Supporters, of which the following is a specification.

This invention relates to wrist supporters, and has specially in view certain novel improvements which will permit of the same being drawn tightly to its supporting position and be normally retained in such position without liability of turning, slipping or subjecting the wrist bone to undue pressure.

With the above and other objects in view, the invention contemplates the employment of a broad, flat, supporting band, the overlapping edges of which carry coöperating fasteners through which the supporter may be adjusted for different sizes of wrists, said band being also provided with wrist-bone-engaging means which prevent the supporter turning when the same is in its wrist supporting position.

In carrying out the invention, changes in details and structural arrangement may be resorted to, a preferred and practical embodiment of which is shown in the accompanying drawings, in which—

Figure 1 is a perspective of the wrist supporter, showing the same on a wrist. Fig. 2 is a top plan view of the same detached from the wrist.

Like characters of reference designate corresponding parts.

In the practical example of the invention shown in the accompanying drawings, 10 designates a broad flat wrist supporting band, one end 11 of which is rounded, the other end 12 being of a tapering and rounded form. The rounded end 11 has a buckle fastener 13 stitched thereon adjacent to its edge, which carries a buckle 14. A keeper loop 15 is also stitched to the end portion 11, and preferably the same extends across the inner end of the buckle fastener 13.

A fastener strap 16 has one end 17 stitched to the wrist-supporting band 10 preferably at a point approximately at the beginning of the tapering end portion 12, the arrangement being such that substan-

tially all of the said tapering end portion 12 will be free so that the same may be overlapped by the end portion 11 when the band is encircling a wrist. The fastener strap 16 is provided with the usual row of holes with which the bail of the buckle 14 engages.

A wrist-bone engaging opening 19 is formed through the intermediate portion of the band 10, said opening being preferably circular. Said wrist-bone engaging opening 19 is of a size and is so located on the band, that when the latter is in its wrist-supporting position, the wrist-bone will protrude through the opening and thereby prevent the band turning or slipping longitudinally on the wrist, or pressing upon the wrist bone.

In applying the supporter to a wrist, the tapering end portion 12 is placed beneath the rounded end portion 11, and through the strap and buckle connection, the same may be drawn to the desired degree of tightness, with the wrist-bone protruding through the opening 19. It will thus be seen that all tendency of the band to turn or slip on the wrist will be overcome, and owing to the said opening being larger than the wrist-bone, the band will not press on the same, and also through the overlapping feature of the ends of the band, there will be practically no edges to be forced into the flesh of the wrist.

While the fastener for the ends of the band has been shown as consisting of a buckle and strap, it will be understood that the invention is not limited to such type of fastener, as it is obvious that any other type of adjustable fastener may be employed.

Claims:—

1. A wrist supporter consisting of a broad flat band the intermediate portion of which has formed therethrough a wrist-bone engaging opening, said band being also provided with overlapping ends, and coöperating fastener members carried by said ends.

2. A wrist supporter consisting of a band one end of which is tapered, said band being also provided with a wrist-bone engaging opening, a fastener strap carried by the tapering end portion of said band, and a buckle carried by the other end of said band, the arrangement being such that when said buckle and strap are connected, the tapering

end of the band will be overlapped and the wrist bone will protrude through the opening formed in the band.

3. A wrist supporter consisting of a band
5 provided with a wrist bone engaging opening therethrough, and cooperating fasteners carried by the ends of said band.

Signed at 37 Liberty street, in the county of New York and State of New York this tenth day of June, A. D. 1908.

JOHN JAMES TYRRELL.

Witnesses:

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