A. WILSON.

WRIST STRAP.

APPLICATION FILED DEC. 29, 1921.

1,408,919. Patented Mar. 7, 1922.

FIG. 1.

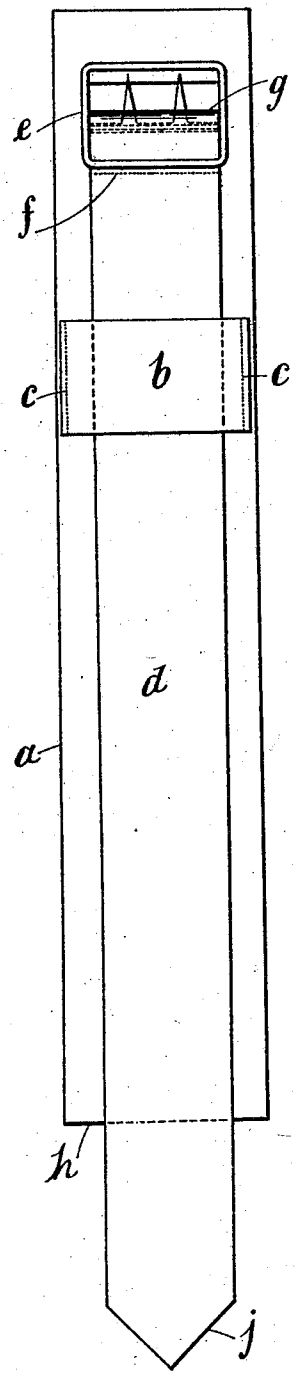


FIG. 2.

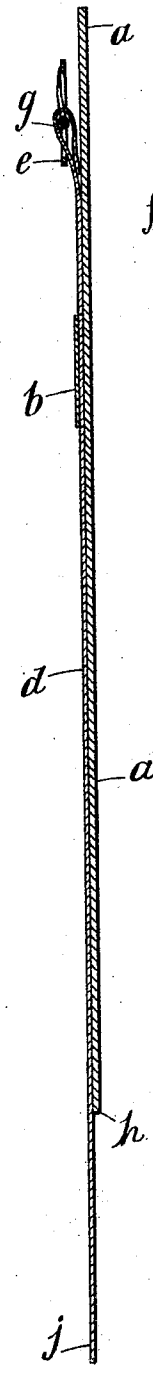


FIG. 4.

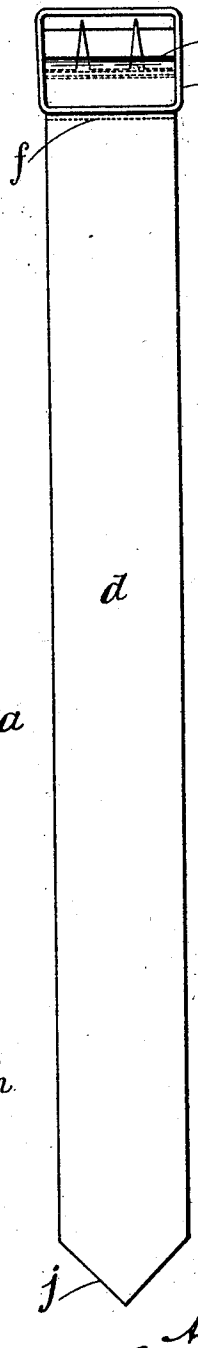
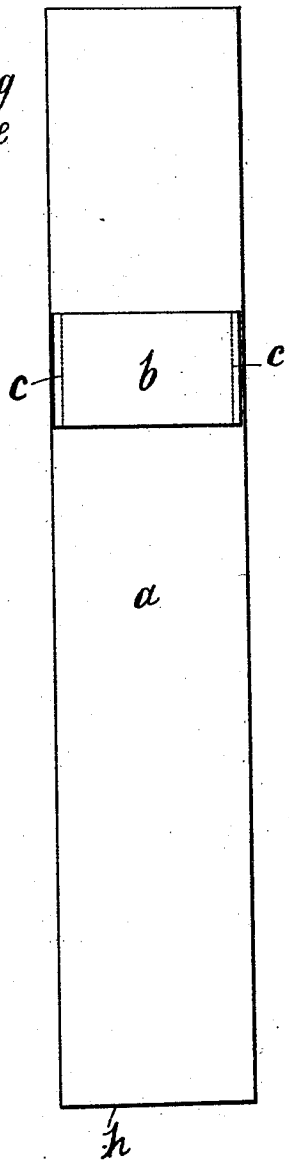


FIG. 3.



INVENTOR:
Alexander Wilson
By Wm Wallace White
ATTY.

UNITED STATES PATENT OFFICE.

ALEXANDER WILSON, OF BLYTH, ENGLAND.

WRIST STRAP.

1,408,919. Specification of Letters Patent. Patented Mar. 7, 1922.

Application filed December 29, 1921. Serial No. 525,715.

To all whom it may concern:

Be it known that I, ALEXANDER WILSON, a subject of the King of Great Britain and Ireland, residing at Blyth, in the county of Northumberland, England, have invented new and useful Improvements in Wrist Straps, (for which I have filed application in England, Dec. 11, 1920,) of which the following is a specification.

This invention relates to wrist straps, and has for its object to provide an improved construction.

A wrist strap or support in accordance with my invention comprises a length of extensible material attached near one end to a length of non-extensible material provided with a fastening device, said length of extensible material being adapted to be wound around the wrist of the wearer and the length of non-extensible material then wound thereover and secured by the fastening device.

The accompanying drawings illustrate one construction of wrist strap in accordance with my invention. In the drawings, Figure 1 is a plan view of the complete wrist strap, and Figure 2 is a central longitudinal section thereof. Figure 3 is a similar view to Fig. 1 of the strip of extensible material and Figure 4 is a similar view to Figs. 1 and 3 of the strip of non-extensible material.

Referring to the said drawings, the wrist strap therein illustrated comprises a length of strong elastic belting *a* of suitable length and width (say 8½ inches long by 1½ inches wide) with a cross piece of braid *b* stitched thereto as shown at *c* to form a loop. *d* is a strip of strong non-extensible linen braid of greater length than the strip *a* and preferably of less width (say 10½ inches long by 1 inch wide) provided with a small metal prong buckle *e* which is attached by forming a loop *g* at one end of the strip *d*. The non-extensible strip *d* is attached by stitching *f* to the extensible strip *a* near the end thereof provided with the buckle *e* said stitching *f* conveniently being the stitching which forms the loop *g*, the loose end of the strip *d* being slipped through the loop *b*. The wrist strap thus comprises a double strap formed by the two strips *a*, *d* secured together by the stitching *f* only and having loose ends *h*, *j*.

In use, the inner elastic strip *a* is first wound around the wrist as tightly as may be desired after the manner of a bandage, and the outer non-extensible strip *d* is then wound around the outside of the elastic strip *a* and secured by slipping its free end *j* through the buckle so that the prongs of the buckle pierce and securely hold the inner strip *a* in position and maintain it at the desired tightness around the wrist. The loop *b* accommodates the free end *j* of the strip *d*.

My improved wrist strap is capable of fitting any wrist, and provides a firm support without the defects of a wholly elastic strap. When fitted, the strap is immovable, and the nature of the elastic inner belt to which is added the increased support of the non-extensible outer belt gives to the wrist the necessary support without interfering with the circulation of the blood.

What I claim and desire to secure by Letters Patent is:—

1. In a wrist strap, the combination with a length of extensible material having a guide loop thereon, adjacent one end, of a length of non-extensible material secured to the face of the extensible material between the guide loop and the adjacent end of the extensible material and having its free end passing through the said loop and extending beyond the length of extensible material, and means for securing the said length of non-extensible material around the wearer's wrist.

2. In a wrist strap the combination with a length of extensible material having a guide loop thereon adjacent one end, of a length of non-extensible material passing through said loop, and having one end thereof secured to the extensible material adjacent one of its ends and its opposite end extending beyond the length of extensible material, and means for securing the ends of the non-extensible material around the wearer's wrist.

In testimony whereof I have signed my name to this specification.

ALEXANDER WILSON.