J. C. ROUND.

APRON.

APPLICATION FILED MAY 26, 1908.

925,655. Patented June 22, 1909.

2 SHEETS—SHEET 1.

FIG. 1.

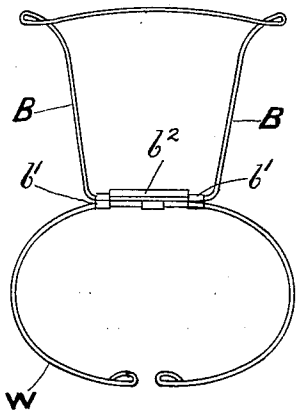


FIG. 2.

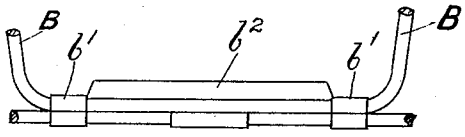


FIG. 3.

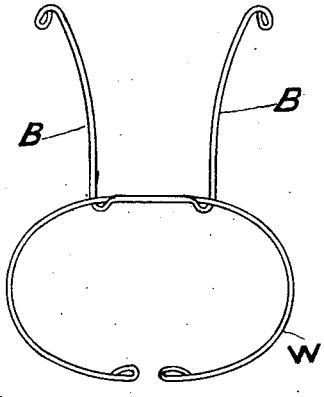


FIG. 4.

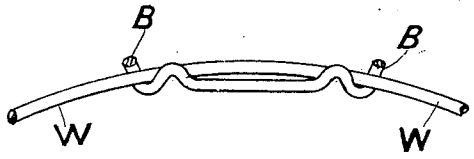


FIG. 5.

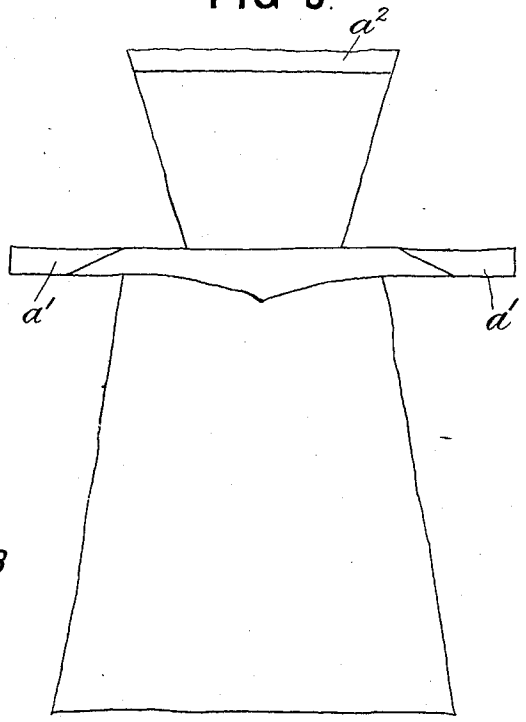
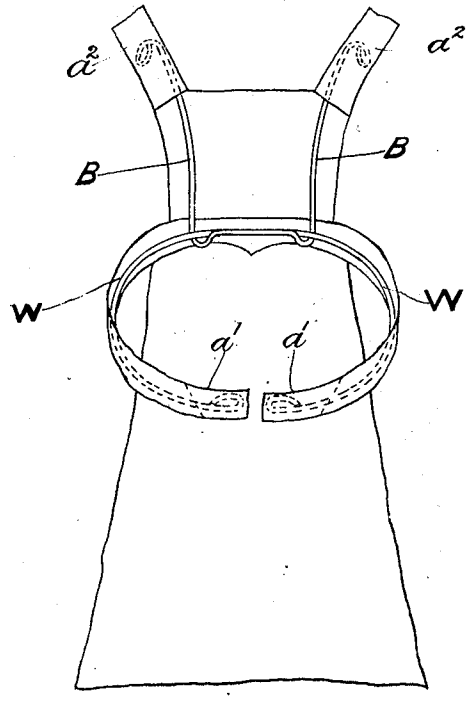


FIG. 6.



WITNESSES

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2 SHEETS—SHEET 2.

FIG. 7.

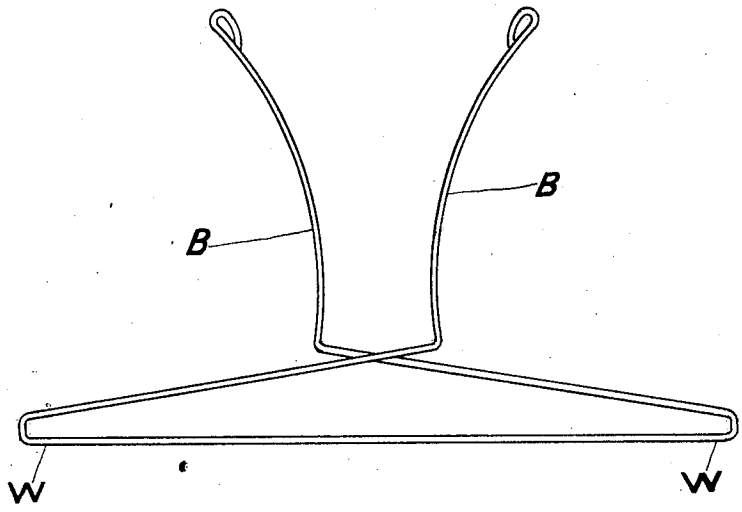
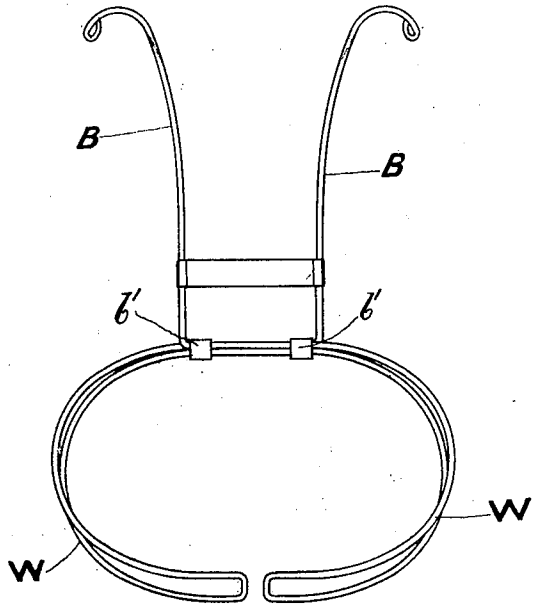


FIG. 8.



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APRON.

No. 925,655. Specification of Letters Patent. Patented June 22, 1909.

Application filed May 26, 1908. Serial No. 435,143.

To all whom it may concern:

Be it known that I, JOHN CORNWELL ROUND, a subject of the King of Great Britain, residing at "Purbrook," Crescent Wood Road, Sydenham Hill, London, S. E., England, medical practitioner, have invented a new and useful Improvement in or Relating to Aprons, of which the following is a specification.

This invention relates to an improved device or frame for attaching an apron, of the class known as bibbed aprons, to the person of the wearer, the object being to enable such aprons to be quickly and easily attached or arranged on the person in a perfectly tidy and regular manner, and instantly removed. The rapidity with which the apron can be removed from the person is of considerable importance as in case the apron should accidentally catch fire there are no buttons to unfasten or strings to untie. The spring frame also acts as a comfortable support for the body.

The device or frame consists of a spring for encircling the waist, having arms or projections for supporting or carrying the bib of the apron. The apron is first placed upon the spring frame by inserting the ends of the waist spring into pouches or pockets formed on the ends of the waist band and the arms or projections into pouches or pockets formed on the bib of the apron. The apron can now be readily placed in position on the person of the wearer, by clasping the waist spring around the waist, the ends of which can be separated or expanded for this purpose.

In order that this invention may be clearly understood and easily carried into practical effect I have illustrated upon the accompanying drawings examples of the spring frame and the apron and the mode of fitting the said apron upon its frame.

Figure 1 illustrates a back view in perspective of one example of the spring frame. Fig. 2 is an enlarged view showing the method of uniting the part of the frame, which supports the bib of the apron, to the waist spring as shown by Fig. 1. Fig. 3 is a similar view to Fig. 1 showing another form of the spring frame. Fig. 4 is an enlarged plan view of the method of uniting the parts of the spring frame as shown by Fig. 3. Fig. 5 is a back view of a bibbed apron showing the pouches or pockets in the bib and waist band by means of which the said apron is held or supported upon the spring frame. Fig. 6 is a perspective view showing an apron fitted upon a spring frame similar to that shown by Fig. 3. Fig. 7 is a view showing the primary bends in the wire when making the spring frame from a single piece of wire. Fig. 8 is a perspective view of the completed spring frame from the back formed from a single piece of wire.

The spring frame as shown by Figs. 1 and 2, which may be made of steel, suitably tempered, consists of the combination of a spring W of approximately circular shape, the ends of which can be separated to admit of its being clasped around the waist, and a frame B, for supporting the bib of the apron, united by a hinged joint or equivalent to the waist spring W. But the bib frame is prevented from being brought too far forward by reason of the convexity of that portion of the waist spring which enters into the joint. This hinged joint is formed by uniting the two wires together with a piece of thin sheet metal at the ends b' of the joint, the intermediate portion b^2 helping to form the stop to prevent the bib frame being brought too far forward. The hinge joint enables the frame B to be folded backward to facilitate the attachment of the apron to the spring frame and also as a convenience for storage. The apron is arranged upon the spring frame by inserting the ends of the waist spring into the pouches or pockets a' formed at the ends of the waist band, and the bib frame into the pouch or pocket a^2 formed at the top of the bib.

At Figs. 3, 4 and 6 I have shown a slightly different form of spring frame also made from two separate pieces of spring steel. In this case instead of uniting the ends of the wire which forms the bib frame B, to the waist spring W by independent means, I bind or wind the center portion of this wire around the waist spring to form the hinge joint, the ends projecting upward to form the bib support or arms as clearly shown by Fig. 6, which arms may be made to extend over the shoulders if desired. The bib frame is prevented from being brought too far forward by reason of the convexity of that portion of the waist spring which enters into the joint.

In the method shown by Figs. 7 and 8 the spring frame is made from one continuous piece of wire which is doubled to form the waist spring W, the ends of the two extremi-

ties of the waist spring being blunt as shown. The ends of the wire are then crossed in front and bent or united together at the part which forms the hinge joint and subsequently bent upward to form the bib frame B, the waist spring being bent into an approximately circular shape. The bindings of each extremity of the hinge joint may be of thin sheet metal as shown, or thin wire, or the part of the wire which forms the bib frame may be wound around the waist spring at this particular part. A strip of thin sheet metal is preferably attached near the lower part of the arms of the bib frame to add to its stability.

If desired the front portion only of the waist spring and the lower portion only of the bib frame or support may be tempered.

What I claim as my invention, and desire to secure by Letters Patent is:—

1. A spring frame for supporting a bibbed apron comprising a waist frame formed in one piece and having an opening at the rear, and a bib frame hinged to the front of the waist frame.

2. In combination, a bibbed apron having pouches at the end of the waist band and at the top of the bib and a spring frame comprising a waist frame formed in one piece and opening at the rear and having its ends engaging in the pouches in the waist band of the apron, and a bib frame hinged to the front of the waist frame and having its ends extending upwardly and engaging in the pouches in the bib of the apron.

In witness whereof I have hereunto set my hand in presence of two witnesses.

JOHN CORNWELL ROUND.

Witnesses:
H. W. DENTON INGHAM,
H. D. JAMESON.