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CARPENTER'S AND MECHANIC'S APRON

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Fig. 1.

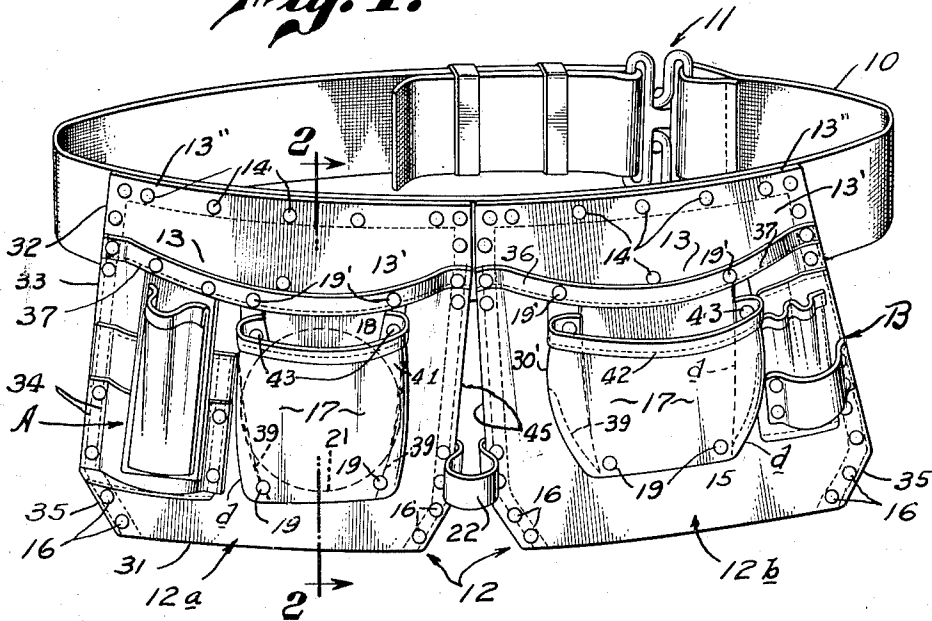
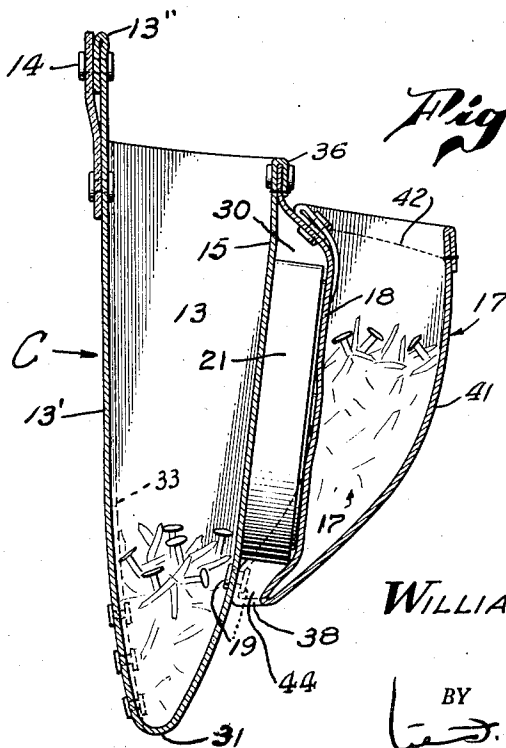


Fig. 2.



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CARPENTER'S AND MECHANIC'S APRON

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6 Claims. (Cl. 2—51)

My invention relates to aprons and more specifically to an apron peculiarly adaptable for use by workmen, such as carpenters and mechanics, and whereby they are enabled to carry a variety of articles, such as nails, tools and other relatively heavy objects and which may be needed or required while performing their normal duties as such workmen.

Heretofore, carpenters' and mechanics' aprons have had many disadvantages while in use, such as for example, they have been of considerable length and were also secured at their lower ends to the workman's clothing or around his legs; that when loaded with tools and the like, they have unduly restricted the freedom of movement of the worker, particularly when the wearer suddenly bends over to the front, at which movement the contents of the pockets were many times spilled or dumped out of such pockets; and they have materially interfered with the ease and comfort of the wearer when he assumes a squatting position.

It is the general object of my invention to provide a novel apron which will be substantially free or devoid of the disadvantages above referred to.

An object of my invention is to provide a novel workman's apron which is so constructed and arranged that it will afford the wearer a maximum of freedom of movement, and whereby likelihood of the articles carried by the apron being accidentally displaced therefrom is reduced to a minimum.

Another object is to provide a novel apron for workmen which will afford maximum comfort and a minimum of constraint to the wearer when he assumes a squatting position.

A further object is to provide a novel workman's apron with a plurality of pockets for carrying articles, and whereby the pockets are so arranged and constructed to provide additional pockets.

The invention resides in the parts and combination and arrangement of the parts as more fully hereinafter described in detail in the accompanying specification and defined in the claims.

Other objects, advantages and features of invention may appear from the accompanying drawing, the subjoined detail description, and the appended claims.

The accompanying drawing illustrates the invention in a form I at present deem preferable.

Figure 1 is a front elevational view, slightly in perspective, showing a carpenter's apron constructed in accordance with my invention.

Fig. 2 is an enlarged cross-sectional view taken on line 2—2, Fig. 1, and showing in edge elevation an article carried in one of the pockets.

The numeral 10 indicates a belt which may be of webbing, as shown, or of any other material that may be adjusted as to length by the buckle means 11, preferably of the quick detachable type. The belt 10 is of suitable width for supporting weights without imposing any constraint on the movements of the wearer.

Depending from the belt 10 are a plurality of article

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carrying members 12a, 12b that form a two-part apron member 12. The members 12a and 12b are substantially identical in construction, in so far as my invention is concerned, and a description of one will suffice for the other, and like numerals may be equally employed for either member. The apparent differences between members 12a and 12b is the relative size of the front pocket or pouch 17; the type and character of the auxiliary tool supports A and B forming no part of this invention.

A relatively large back pocket or rear pouch 13 is formed preferably from a single piece or strip of leather C, the rear wall 13' forming pocket 13 being secured along its upper and free ends 13'' to the belt 10 by any suitable leather rivets 14. The strip of leather C is folded upon itself as at 31 to form the front wall 15 of pocket 13 and such front wall 15 extends upwardly in front of, and spaced from, the rear wall 13' to a point below the free end 13'' where it is turned forwardly or outwardly from the front wall 15. The vertically extending free side edges 32, 33 of the wall members 13' and 15 are secured together in any suitable manner as by the double row of stitching 34. The oblique lower corners 35 of the wall members 13' and 15 forming the pocket 13 being additionally connected together by a plurality of leather rivets 16.

The outturned and downturned edge 36 of front wall member 15 is secured to the forward surface of wall 15 by a row of stitching 37.

The front member 15 is wider than the rear wall member 13' so that when such members are secured together with the side edges thereof in alignment the front wall member 15 will "bow outwardly" and provide an "open mouthed" pocket 13 for easy insertion of the hand in the placement of articles within or the removal of articles from the pocket 13.

To the front wall of each back pouch 13 is secured a front pocket or pouch 17 that is preferably formed from a single piece or strip of leather that is folded upon itself intermediate its ends as at 38, then infolding the side edges d of the strip and securing them together by stitching 39. The lower corners of pouch 17 are secured to the front wall 15 by rivets 19; the upper end of rear or back wall 18 of pouch 17 is inserted underneath the downturned edge 36 before it is stitched to the outside of front wall 15. The upper corners of the rear wall 18 of pouch 17 are secured to the front wall 15 by rivets 19'. The front wall 41 of front pouch 17 extends upwardly in front of, and spaced from, the rear wall 18 to a point just below the edge 36 where it is turned outwardly and downwardly and then secured to the front wall 41 as by stitching 42 in a manner analogous to the edge 36.

The upper corners of the front wall 41 of front pouch 17 are preferably secured by rivets 43 to the inturned side edges d.

The front wall member 41 of pouch 17 is wider than the rear wall member 18 thereof so that when such members 41 and 18 are secured together by the stitching 39 with the side edges thereof in alignment the front wall member 41 will "bow outwardly" and provide an "open mouthed" pocket or pouch 17 for easy insertion and removal of articles into and from the pouch 17.

It will be apparent from the foregoing that the back wall 18 of pouch 17 is free from the front wall 15 except for its line of securement along the top of the rear wall 18 to the upper edge 36, and for its securement at the lower corners thereof by the rivets 19; and thereby forms another pouch or chamber 30 intermediate the front wall 15 of the large pouch 13 and the rear wall 18 of the smaller pouch 17, and into which chamber 30 the wearer may carry a large tape measure 21, and which as indicated in Figs. 1 and 2 may be a standard 50 foot tape measure, and a like tape measure may also be

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accommodated in the pouch 30' that is formed between the rear pouch 13 and front pouch 17 on the member 12b.

The lower portion of the round case of the tape 21 may nestle in the pocket or pouch 30 between the rivets 19 as the folded edge 38 is spaced at 44 from the front wall member 15 of rear pouch 13, except at the point of connection thereto by the rivets 19.

The article carrying members 12a and 12b are suspended from belt 10 with their inner side edges 45 in substantial alignment with each other when the belt 10 is laid in a horizontal position. (The space between edges 45 as shown in Fig. 1 is for purposes of more clarity.) The carrying members and pouches thereon normally hang vertically from the belt 10, and when the wearer bends over forwardly the pouches will swing forward in a vertically depending position, and likelihood of articles carried thereby from falling therefrom, is reduced to a minimum. Also, when the wearer moves to a squatting position, the members 12a and 12b are free to slide along, and the lower edges thereof move outwardly, on the upper surface of the thighs of the wearer until such outward movement is arrested by a strap 22 connecting the lower and inner edges or corners of said members 12a and 12b. The strap 22 will normally assume an outwardly looped position when the apron is hanging vertically from the belt 10.

The front top edge of wall 41 of pocket 17 being downturned forms a welt which when the side edges d are inturned and stitched at 39 will tend to normally hold said front edge in a "bowed" position so that the mouth of pocket 17 is normally open.

I claim:

1. A carpenter's and mechanic's apron comprising: a belt member; a two part apron member, each part having a back pouch with its back wall supported by its upper margin being connected to said belt; a front pouch with its back wall supported by its upper margin from the upper portion of the front wall of the back pouch, and secured at its lower corners to the front wall of the back pouch; the space between the front wall of the back pouch and the back wall of the front pouch providing a chamber intermediate the back and front pouches.

2. A carpenter's and mechanic's apron comprising: a belt member; a two part apron member, each part being secured along its upper margin to said belt, the inner edges of each member being unattached and adapted to spread apart when the wearer assumes a squatting position; article retaining means mounted on each apron part; and means connected to the lower inner corners of each part to permit and limit the spreading movement of said parts.

3. A carpenter's and mechanic's apron as set forth in claim 1, and in which in addition includes a flexible strap connecting the lower corners of the apron parts and to permit and limit movement of each part member away from each other.

4. A carpenter's and mechanic's apron comprising: a belt member; a two part apron member, each part being secured along its upper margin to said belt, and being

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separable from each other so as to spread apart when the wearer assumes a squatting position; each apron part forming a back pouch, the back wall of said pouch being supported by its upper margin being connected to said belt; a front pouch having back wall supported by its upper margin from the upper portion of the front wall of the back pouch, and secured at each of its lower corners to the front wall of the back pouch, and forming a space between the front wall of the back pouch and the back wall of the front pouch thereby providing a chamber intermediate the back and front pouches; and means connected to the lower inner corners of each part to limit the spreading movement of said parts.

5. An article of manufacture comprising an apron member including a back member folded upon itself and having its side edges secured together to form a rear pocket member; a front member folded upon itself and having its side edges inturned and secured together to form a front pocket member; the upper edge of the front wall of the rear pocket member being outwardly folded upon itself; the upper edge of the rear wall of the front pocket member being inserted underneath the folded over upper edge of the front wall of the rear pocket member; means securing the folded over top edge of the front wall of the rear pocket member and the top edge of the rear wall of the front pocket member together; the front wall of the front pocket member being wider than the rear wall thereof and having its top edge folded upon itself to form a welt that normally holds the mouth of the front pocket member in an open position; means securing the lower corners of the front pocket member to the front wall of the rear pocket member to form an open sided chamber between the front and rear pocket members; and belt means secured to the upper edge of the rear wall of the rear pocket member.

6. A carpenter's and mechanic's apron comprising: a belt member; a two part apron member, each part having a back pouch formed from a single piece of material folded upon itself intermediate its ends and with its back wall supported by its upper margin being connected to said belt; a front pouch formed from a single piece of material folded upon itself intermediate its ends and with its back wall supported by its upper margin from the upper portion of the front wall of the back pouch, and secured at its lower corners to the front wall of the back pouch, the space between the front wall of the back pouch and the back wall of the front pouch providing a chamber intermediate the back and front pouches.

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