

D. E. RYAN.
Waistcoat.

No. 206,620.

Patented July 30, 1878.

Figure 1.

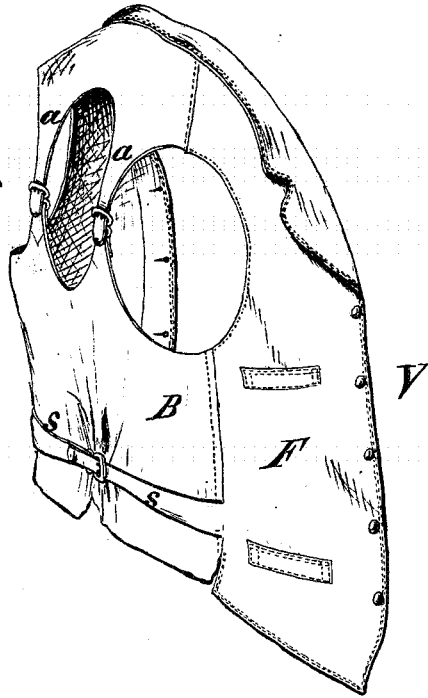
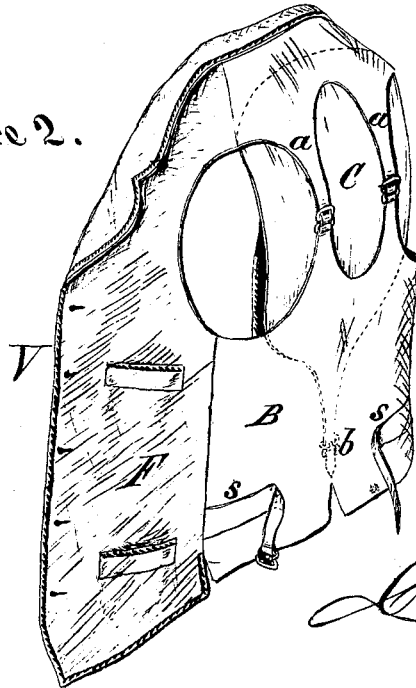


Figure 2.



Witnesses:
S. F. Sullivan.
Geo. Evans

Inventor:
Daniel C. Ryan

UNITED STATES PATENT OFFICE.

DANIEL E. RYAN, OF NEW YORK, N. Y.

IMPROVEMENT IN WAISTCOATS.

Specification forming part of Letters Patent No. **206,620**, dated July 30, 1878; application filed April 12, 1878.

To all whom it may concern:

Be it known that I, DANIEL E. RYAN, of the city of New York, State of New York, have invented a new and useful Improvement in Waistcoats, of which the following is a full, true, and exact description, reference being had to the accompanying drawings.

The object of my invention is to produce a vest or waistcoat which will have within itself the capacity of fitting persons whose backs are differently shaped, provided the distance around the chest be the same.

All waistcoats arranged for the same breast-measure are generally cut of the same length in the back, so that it necessarily follows, from the fact that men are more or less erect, that only a few waistcoats thus cut to the same measure fit accurately the person who wears them. I have, therefore, devised a method for making the waistcoat vertically adjustable, so as to compensate for the differences in the figures of the wearers.

My invention will be clearly understood from the accompanying drawings, in which—

Figure 1 represents a back view of my improved waistcoat; Fig. 2, a back view of another form, showing an inside flap to be used on what I shall denominate my "winter-waistcoat."

V represents, generally, my waistcoat, F showing the front or part which is to be seen; B, the back, which is concealed by the coat when worn. This back B is provided with the usual horizontal adjustable strap *c*, and also with the vertical adjustable straps and buckles *a*. The top and bottom of the back lining of the waistcoat are connected solely by these two straps, leaving intermediate empty spaces between them, as shown in Fig. 1, thus mak-

ing a very light and pleasant waistcoat for summer, in addition to its other advantages.

It is plain that by adjusting the straps *a*, the length of the back of the waistcoat can be adjusted, thereby causing it to fit different figures, and also that, by loosening the straps, the waistcoat can be caused to fit the figure more easily.

In Fig. 2 an interior shield or flap, C, is shown, held by a buckle, *b*, whereby a warmer waistcoat is made.

It is plain that this vertical adjustment of the back of the waistcoat can be arranged in many ways. A single strap only need be used, or a vertical lacing might be employed; or other well-known means might be used to accomplish the same result. It is plain, also, that the flap C might, if desired, be placed outside of the straps *a*, so as to conceal them; but these are mere modifications of my invention, which consists in making the back of the vest vertically adjustable.

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

1. A waistcoat having a vertically-adjustable back, substantially as described.
2. A waistcoat, V, provided with a vertically-adjustable strap or straps, *a*, substantially as described.
3. A waistcoat provided with a vertically-adjustable strap or straps, *a*, and a flap, C, substantially as described.
4. A waistcoat provided with a vertically-adjustable strap or straps, *a*, and a vertically-adjustable flap, C, substantially as described.

DANIEL E. RYAN.

Witnesses:

S. F. SULLIVAN,
GEO. H. EVANS.