

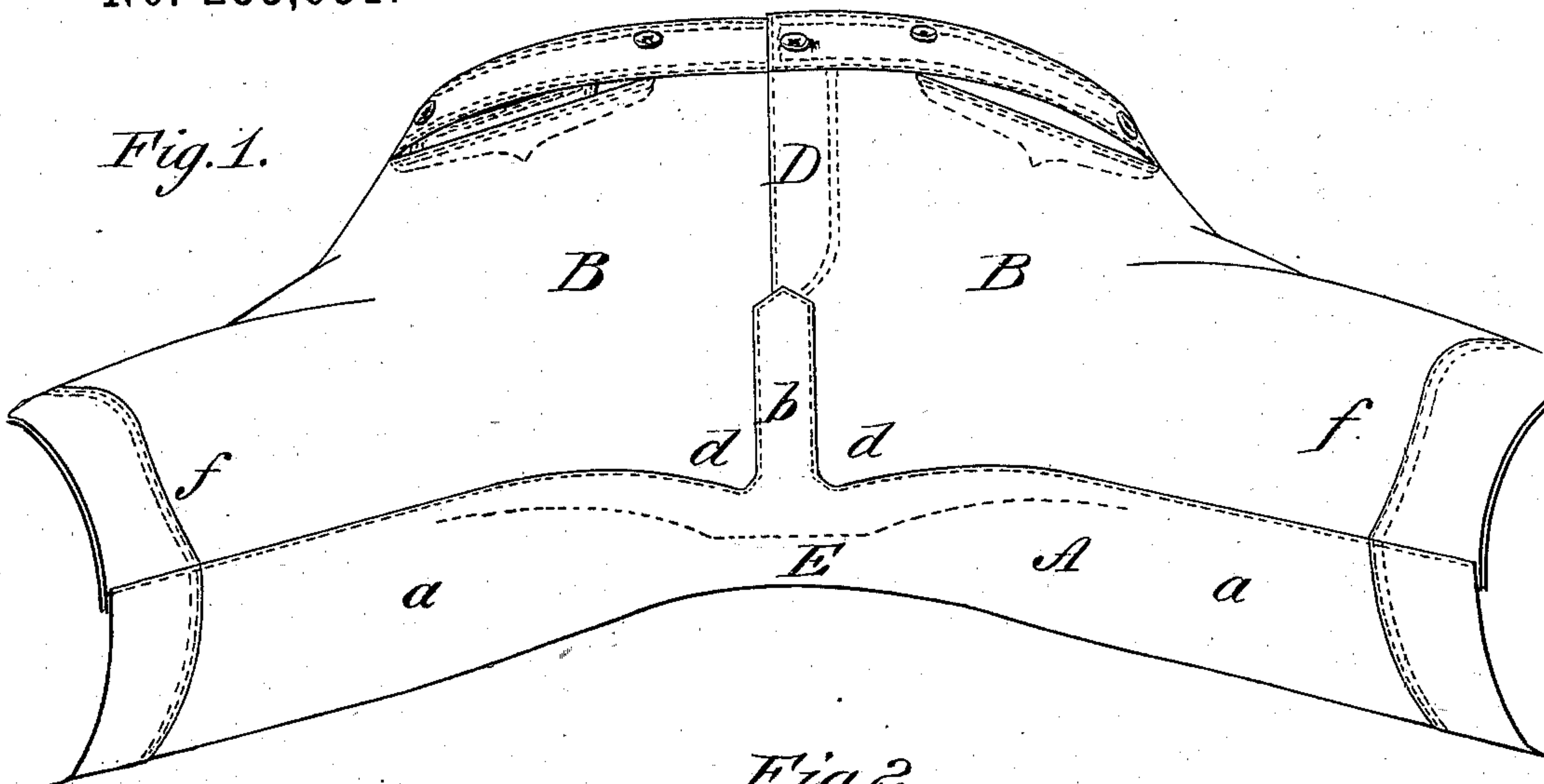
(No Model.)

W. HYAMS.  
PANTALOONS.

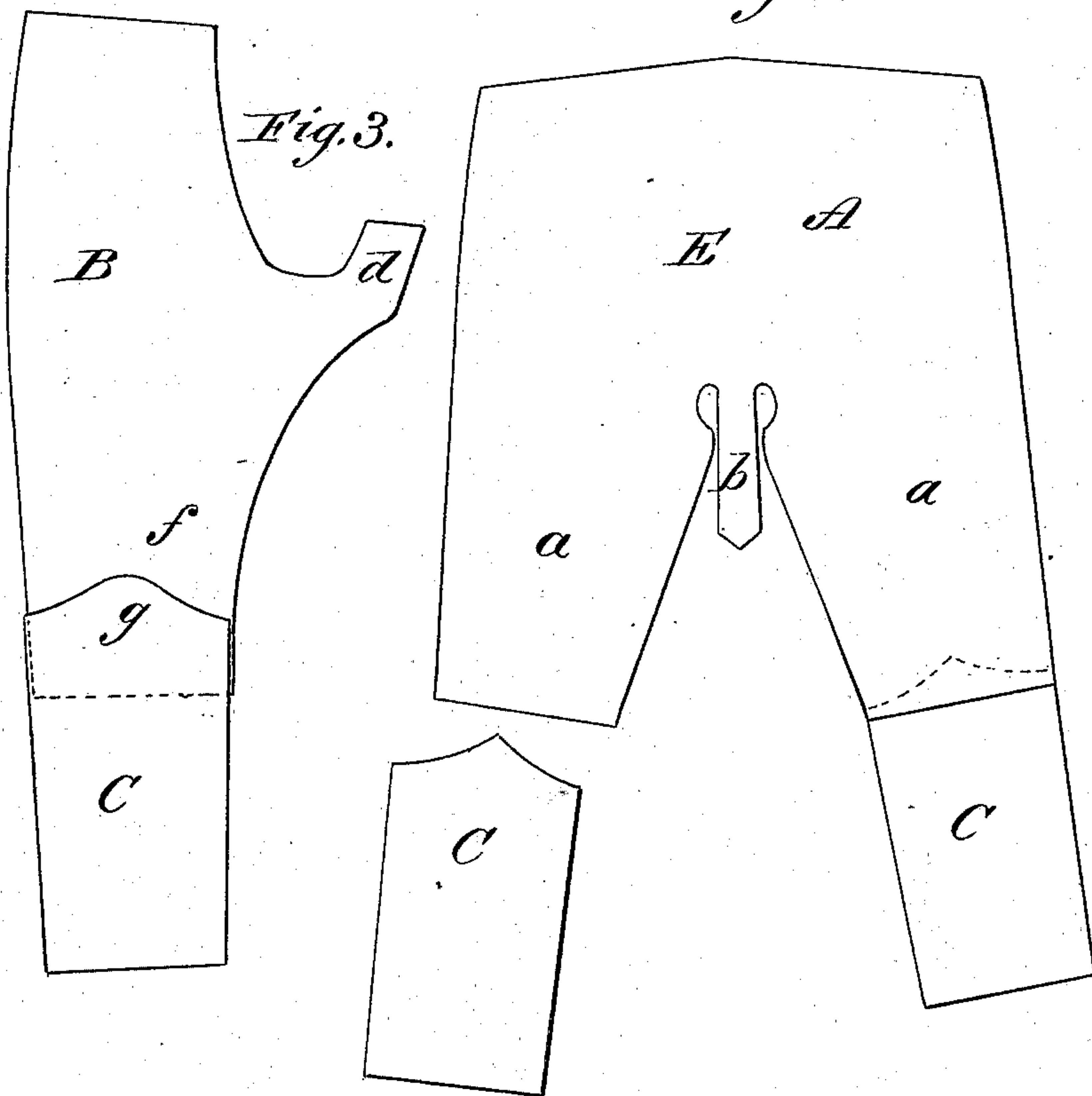
No. 255,631.

Patented Mar. 28, 1882.

*Fig. 1.*

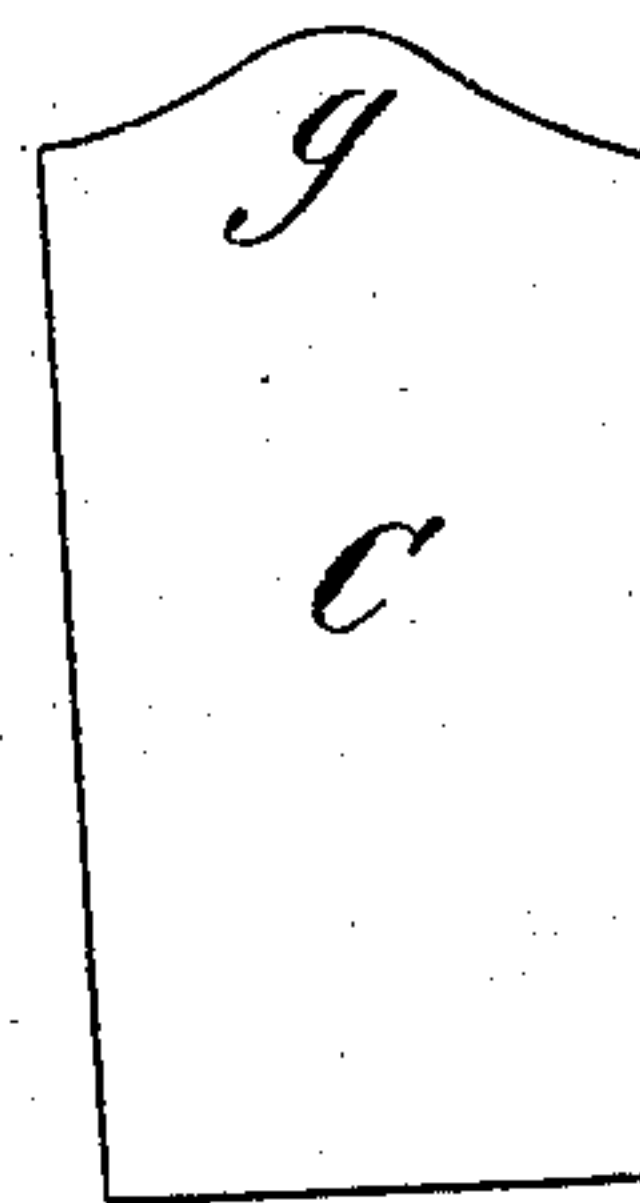


*Fig. 2.*



*Fig. 3.*

*Fig. 4.*



WITNESSES:

*Donn Twitchell.*  
*C. Sedgwick*

INVENTOR:

*W. Hyams*  
BY *Mum & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM HYAMS, OF NEW YORK, N. Y.

## PANTALOONS.

SPECIFICATION forming part of Letters Patent No. 255,631, dated March 28, 1882.

Application filed January 25, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM HYAMS, of the city, county, and State of New York, have invented new and useful Improvements in  
5 Pants, of which the following is a full, clear, and exact description.

The object of my invention is to make pants more durable at the crotch and at the knees.

Reference is to be had to the accompanying  
10 drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is perspective view of my improved pants, showing the legs separated. Fig. 2 is  
15 a longitudinal view of the back piece of the pants, showing one of the lower parts of the leg detached. Fig. 3 is a longitudinal inside view of one of the front pieces for making my improved pants. Fig. 4 is a longitudinal view  
20 of one of the pieces for forming that part of the leg below the knee.

The rear piece, A, of the pants is cut with the two leg portions *a*, and with a tongue, *b*, between the meeting ends of these leg portions  
25 *a*. These leg portions are cut to such a length that they reach only a short distance below the knees. The two front pieces, B, are each cut with a flap, *d*, which fits in between one edge of the tongue *b* and the adjoining edge of  
30 the corresponding leg portion *a*, when the parts are united to form the pants. The leg portions *f* of the front pieces, B, are also cut to reach only a short distance below the knee. The parts of the legs below the knee are formed by  
35 leg-pieces C, which are passed into the lower ends of the leg portions *a* and *f* of the rear and front pieces, A and B, so that they will be overlapped by them, and the thickness of the legs of the pants will be double at the  
40 knees, so that the double parts of the pants will be greatest over the knee-pan. The upper edges of the leg-pieces C are provided with raised parts *g* at the front. The parts are united—that is, sewed together—as shown in  
45 Fig. 1, the tongue *b* extending from the edge of the rear piece, A, along the crotch to the lower end of the fly D, to which it is sewed,

the flaps *d* passing in between the tongue *b* and the edges of the rear leg portions, *a*.

The seat E of the pants is made without a  
50 seam, and is thus made very strong and durable. The seat is connected directly with the fly by means of the tongue *b*, and in bending and stooping the strain will be altogether on the tongue *b*, which is not apt to break off, so  
55 it is made integral with the seat—that is, cut out of one piece with the same—and is firmly attached to the fly. The seams uniting the front and rear pieces at the crotch cannot be ripped or torn by the strain on the seat E, as  
60 all this strain is taken up by the tongue *b*.

As the pants are made with double thickness at the knees, they will be very durable, and will not be worn off as rapidly by the bending and kneeling of the person as legs made with  
65 a single thickness.

The pants can also be made with the leg portions of the entire length of the leg—that is, without the seams at the knees.

The herein-described construction of pants  
70 is especially adapted for overalls or laborers' pants.

Having thus described my invention, what I claim as new, and desire to secure by Letters  
75 Patent, is—

1. In pants, the combination of a rear piece, A, having the tongue *b*, and two front pieces, B, having each a flap, *d*, as and for the purpose specified.

2. In a pair of pants, the combination, with  
80 the rear and front leg portions, *a* and *f*, of the lower leg-pieces, C, provided at the upper edge with a raised part, *g*, the upper ends of the leg-pieces C being overlapped by the lower ends of the leg portions *a* and *f*, substantially  
85 as herein shown and described, whereby the pants will have a double thickness of material at the knees, which double part is largest over the knee-pan, as set forth.

WILLIAM HYAMS.

Witnesses:

OSCAR F. GUNZ,  
C. SEDGWICK.