

(No Model.)

P. GANSON.
SHIRT.

No. 510,639.

Patented Dec. 12, 1893.

Fig. 1.

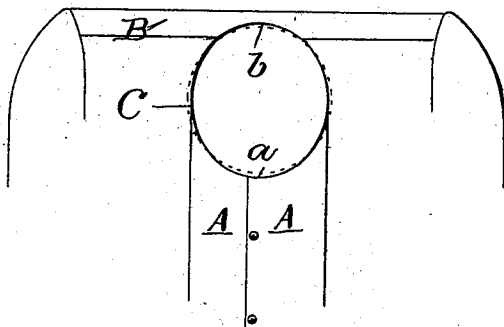


Fig. 2.

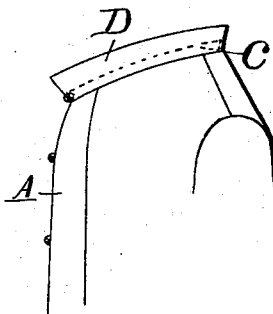
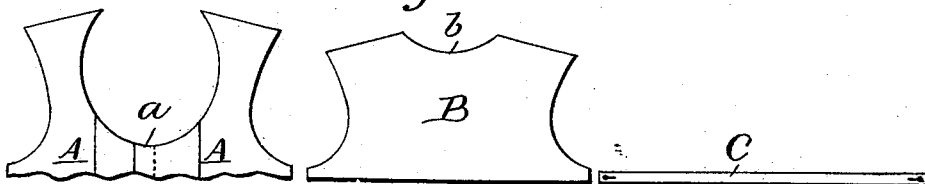


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

PRESCOTT GANSON, OF LOGANSPOUT, INDIANA.

SHIRT.

SPECIFICATION forming part of Letters Patent No. 510,639, dated December 12, 1893.

Application filed February 24, 1893. Serial No. 463,623. (No model.)

To all whom it may concern:

Be it known that I, PRESCOTT GANSON, of Logansport, in the county of Cass and State of Indiana, have invented certain new and
5 useful Improvements in Shirts, of which the following is a specification.

My invention relates to the manufacture of open-front shirts requiring a separate collar, and particularly to the neck-openings of such
10 shirts; and the invention consists in certain improvements in the form and arrangement of the neck-opening and the relation of the shoulder seams thereto as hereinafter described and claimed, whereby the shirt is
15 given a better and more natural fit upon the neck and shoulders of the wearer, and the neck-band is enabled to retain a collar thereon with a front button only, thus enabling the
usual rear button or stud to be dispensed with.

20 The accompanying drawings illustrate the form of neck-opening contemplated by the present invention.

Figure 1, is a front view of the upper portion of a shirt made in accordance with this
25 invention, the dotted lines indicating the position assumed by the neck-opening when the shirt is being worn. Fig. 2, is a side view of the upper part of the shirt with a collar attached. Fig. 3, shows the separate pieces
30 which enter into the formation of the neck-opening in the manufacture of the shirt.

As far as concerns the neck opening and the present invention, the shirt is composed of two overlapping front pieces A, A, constituting the bosom, a back or shoulder piece B,
35 and a neck band C. The opening is formed by cutting out the adjacent edges of the bosom and shoulder pieces A B respectively at *a* and *b*, so that when the pieces are fitted and sewed
40 together an opening of the desired form will be produced, the neck band C, consisting of one straight piece of the material, being then sewed into the opening so formed.

The present invention has to do with the
45 form of the neck opening whereby the necessity of a rear attaching button for the collar is obviated. To this end the neck opening is patterned as follows:—The lateral diameter of the opening is made slightly less than the
50 width of the neck of the person for whom the shirt is designed, while the diameter from front to back is made greater, so that when

the shirt is put on the neck opening is necessarily distended laterally, such lateral distention being permitted by reason of the surplus
55 width of the opening from front to back. A proper relation between the less and greater diameters of the neck opening is attained by making them in the ratio of eight to nine, this
60 proportion giving a comfortable fit around the neck. The neck opening is not located entirely forward of the shoulder seams (*i. e.*, the seams joining the bosom and shoulder pieces
A, B), but extends also a short distance back of the shoulder seams, the opening being
65 formed by cutting out both of the adjacent edges. (See Fig. 3.) The distance, however, from the line of the shoulder seams to the front margin of the neck opening I make
70 about eight times the distance from the line of the shoulder seams to the rear margin of the opening, so that the greater part of the neck opening is forward of the shoulder seams.
The position of the shoulder seams is such that
75 the line of the seams conforms to the natural position of the shoulders of the wearer, and the seams strike the neck-opening perpendicularly. The relative distances which the neck-opening extends forward and back of
80 the shoulder seams are calculated by the relation actually existing between the neck and shoulders of a man, and the shirt is thus properly patterned to conform to real physiological requirements. A neck-opening proportioned as stated will fit the neck nicely and
85 will not be subjected to undue strain when the shirt is worn.

The effect of the described form of neck opening is to keep an ordinary separate collar (D, Fig. 2) thereon without the use of a
90 rear attaching button. When the shirt is worn, the neck opening is pressed out at the sides (as the dotted lines in Fig. 1 are intended to indicate), which action springs the collar back by drawing up the front of the neck band
95 where the collar is attached. This tends to hold the collar down at the back, and so by the natural pressure of the body of the wearer the collar is always maintained in position, with no attachment except the button at the
100 front of the collar, which button at the same time serves the purpose of closing the open front of the shirt.

The importance and value of the present

invention will be well understood and appreciated by any one who has experienced the annoyance and discomfort customarily attendant upon endeavoring to insert a rear collar
5 button and attach the collar thereby after the shirt has been put on.

I claim as my invention—

10 An open-front shirt having the front and back portions A, B, united at the shoulder seams, and having a neck-opening cut from the meeting edges of said front and back portions, the said shoulder seams striking the neck opening perpendicularly a little forward

of its rear margin and the lateral diameter of said neck-opening as cut being less than its
15 diameter from front to rear whereby lateral distention of the neck-opening is permitted when the shirt is worn, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in
20 presence of two witnesses.

PRESCOTT GANSON.

Witnesses:

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