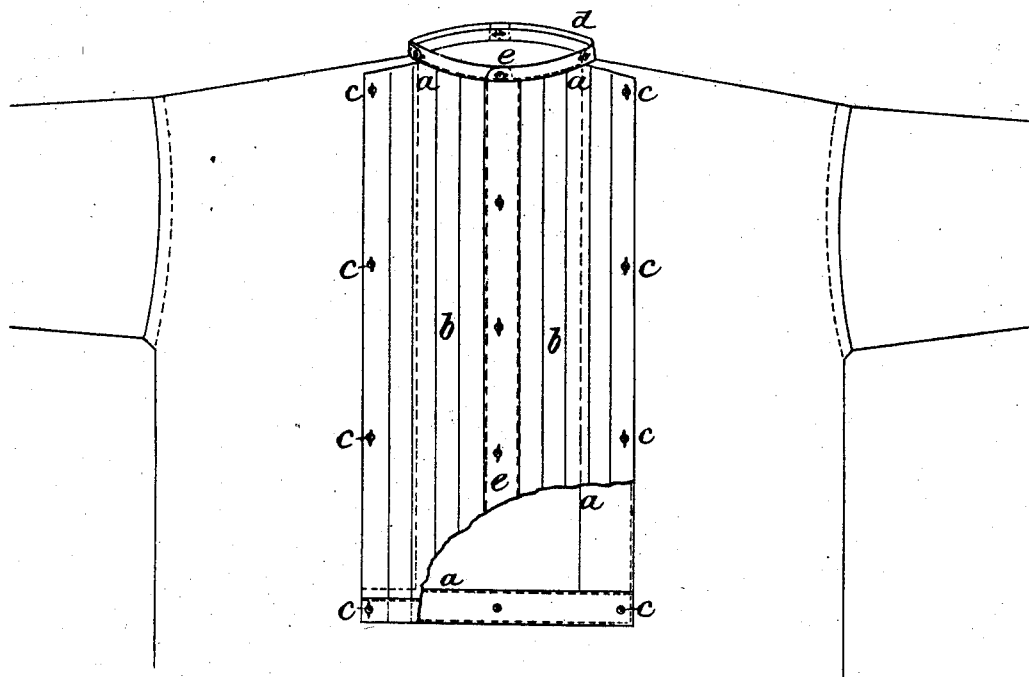


No. 46,172.

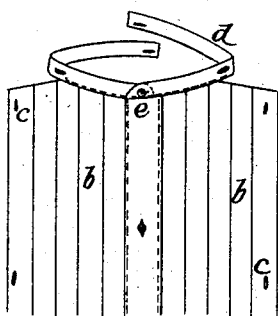
PATENTED JAN. 31, 1865.

A. WORMSER.  
SHIRT.

*Fig. 1.*



*Fig*



Witnesses:

Lemuel W. Serrell  
Chas. H. Smith.

Inventor:

A. Wormser

# UNITED STATES PATENT OFFICE.

ABRAHAM WORMSER, OF NEW YORK, N. Y.

## IMPROVEMENT IN SHIRTS.

Specification forming part of Letters Patent No. 46,172, dated January 31, 1865.

*To all whom it may concern:*

Be it known that I, ABRAHAM WORMSER, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Shirts; and I do hereby declare the following to be a full, clear, and exact description of the said invention, reference being had to the annexed drawings, making part of this specification, wherein—

Figure 1 is an elevation of a shirt made in my improved manner, a portion of the bosom being removed to show the shirt itself; and Fig. 2 shows the bosom detached.

Similar parts are indicated by the same letters.

Shirts have heretofore been made with a plain bosom and a plaited or ornamental bosom worn over such plain shirt, said bosom being buttoned or tied at the neck and at the lower end. In this character of shirts the bosom generally becomes detached when the shirt is taken off, and while in wear is very likely to become rumpled and displaced, because there is nothing to connect the bosom to the shirt at the sides, and the shirt itself, being beneath the bosom, prevents the bosom remaining as smooth as in those shirts where the bosom is made with the shirts.

The nature of my said invention consists in forming a shirt without any front or bosom portion, this part being entirely left out, as represented by full and dotted lines in Fig. 1, at *a a*. The edges of the material around this opening should be hemmed to obtain the requisite strength. The bosom *b* is made rather larger than this opening, and is to be connected with the shirt at its edges by button and button-holes, as represented at *c*, or by hooks and eyes, or any other suitable means, so that the said bosom will always remain smooth and in its place, in the same manner as the bosoms that are made upon the shirts.

The bosom is formed with a collar, *d*, at its upper edge, which is of a sufficient length to button to the shirt at the back of the neck,

and, if preferred, the bosom may be divided down the middle part, as at *e*, and buttoned together, so that the shirt may be unbuttoned down the front for putting on or taking off in the usual manner.

This mode of making shirts and bosoms enables the wearer to use two or more clean bosoms to one clean shirt, and at the same time the bosom is retained in place, so as to appear as a part of the shirt, because the shirt does not extend across under the bosom, and the connection at the edges of the bosom to the shirt are sufficient to cause the bosom to lie smoothly.

This mode of construction is also a great convenience in getting the bosom to set properly, because the wearer can try on the shirt and have the buttons sewed on at such points as will best adapt the shirt and bosom to the person's shape.

The bosoms of shirts usually wear out before the body portions, and my bosom, being detached, is a great saving, because the bosom, when worn out, is no injury to the shirt, and other or new bosom with the same body part of the shirt. The collar or band *d* may be only sufficient to retain the upper portion of the bosom in place and have a separate collar attached to it; or said band may itself be wide enough to form the shirt-collar.

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

1. Combining with a shirt made without a bosom a removable bosom, attached around the edges to such shirt, as specified.

2. Forming the neckband or band upon said bosom to button or be attached to the shirt at the back of the neck, as set forth.

In witness whereof I have hereunto set my signature this 29th day of November, 1864.

A. WORMSER.

Witnesses:

LEMUEL W. SERRELL,  
CHAS. H. SMITH.