

Woodward, Priest & Ernst.
Collar.

No. 44,051

Patented Aug. 30, 1864.

Fig 1.

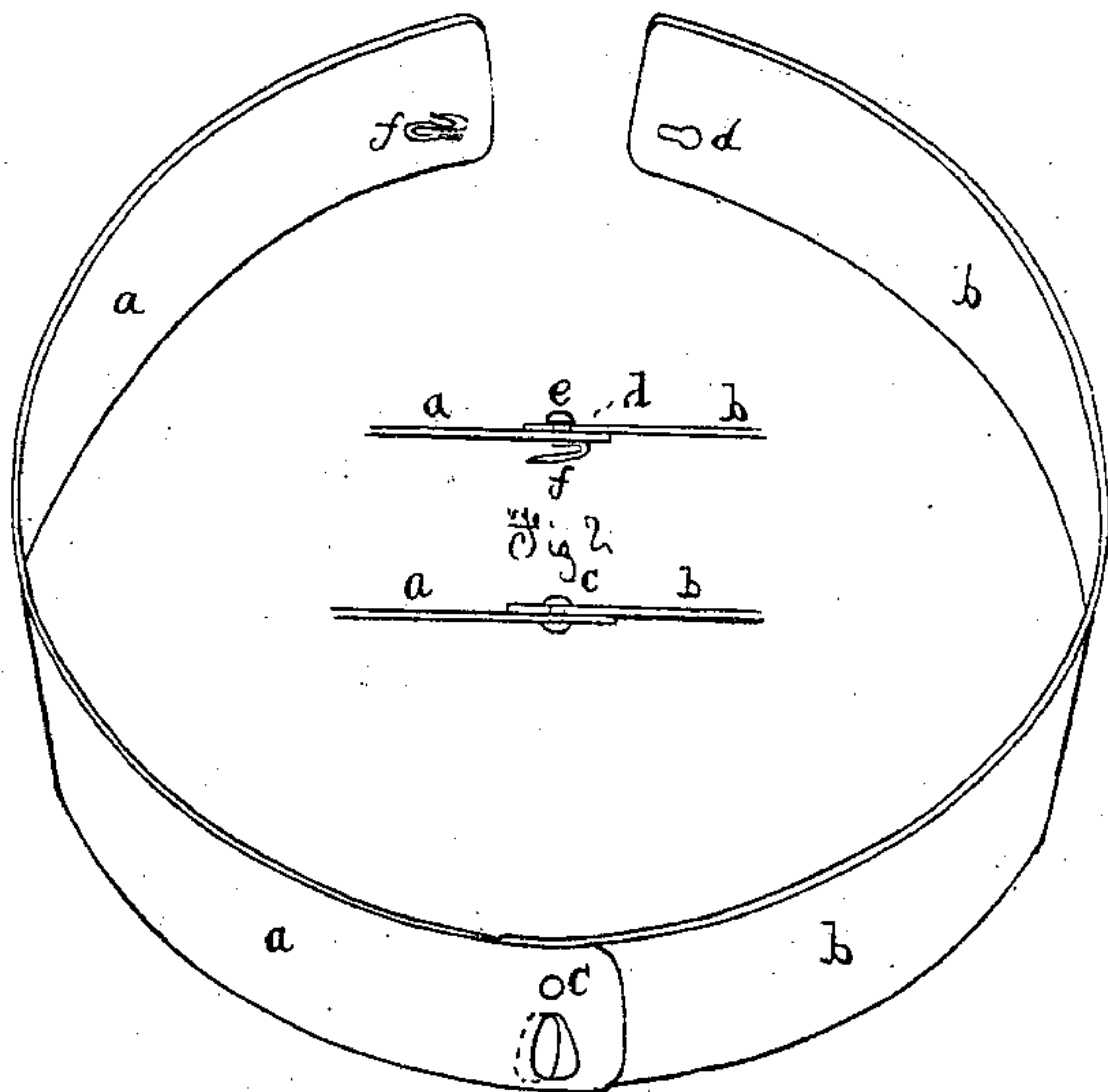


Fig 3.

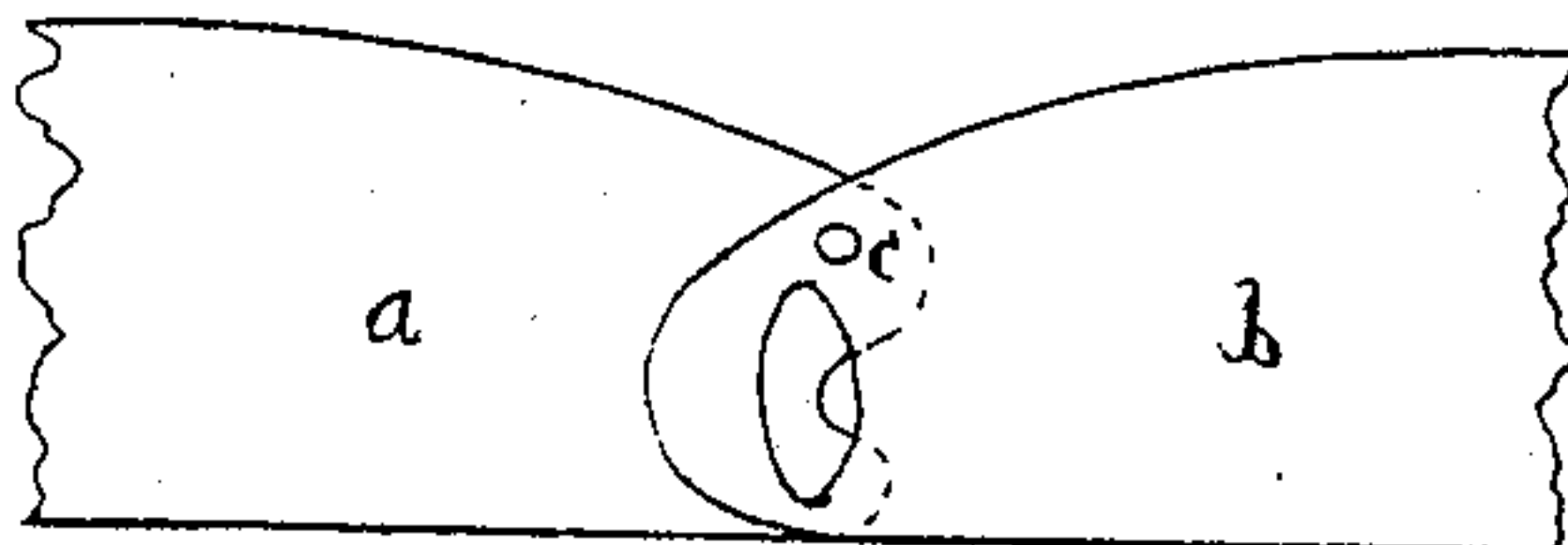


Fig 4.

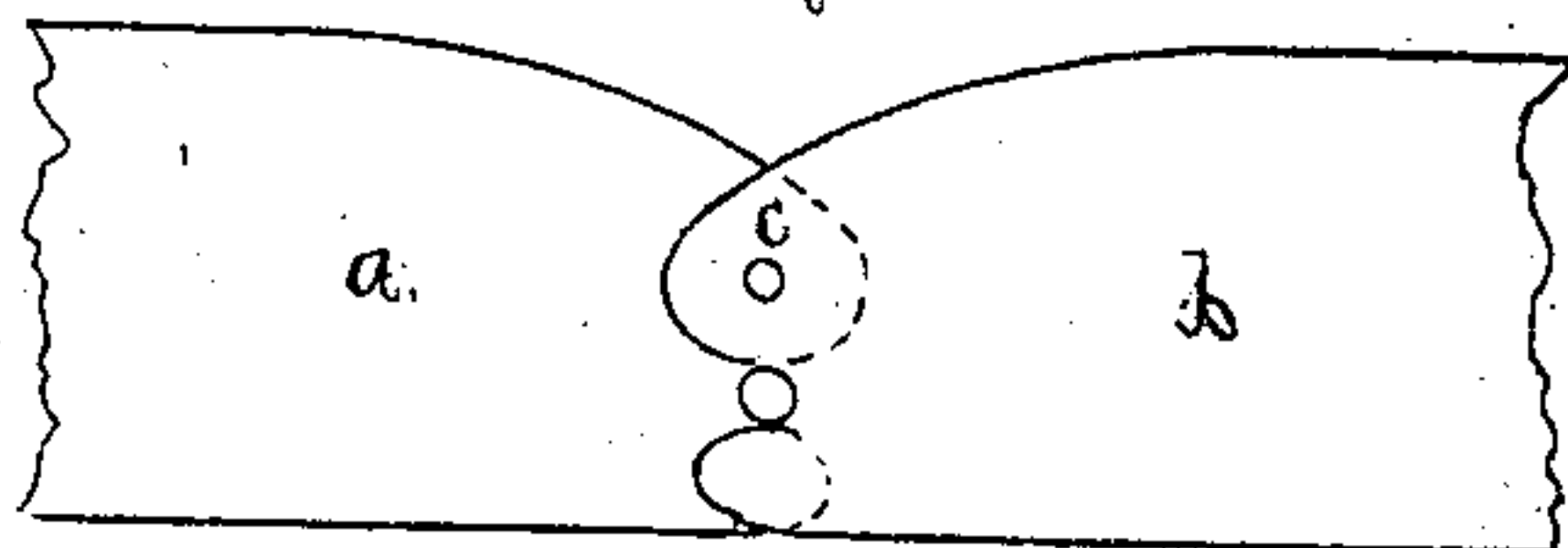
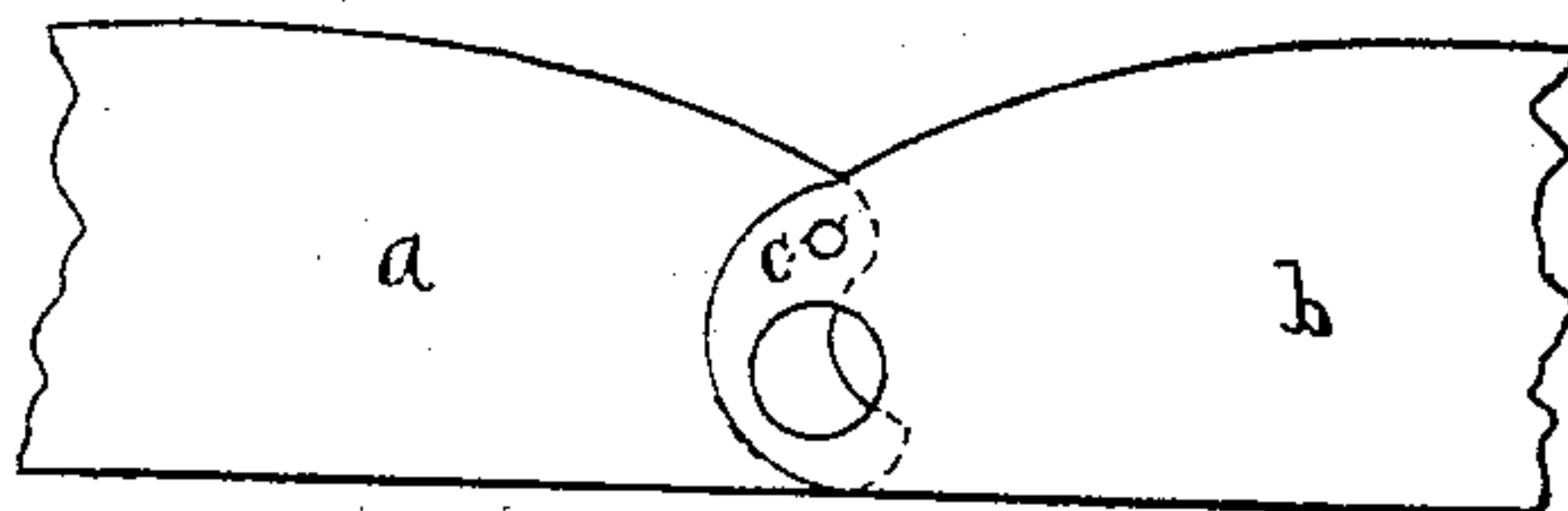


Fig 5.



Witnesses.

Wm. Woodward
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UNITED STATES PATENT OFFICE.

RICHARD WOODWARD, JOSEPH PRIEST, AND OTTO ERNST, OF NEW YORK,
N. Y., ASSIGNORS TO OTTO ERNST, OF SAME PLACE.

IMPROVEMENT IN STEEL SHIRT-COLLARS.

Specification forming part of Letters Patent No. 44,051, dated August 30, 1864.

To all whom it may concern:

Be it known that we, RICHARD WOODWARD, JOSEPH PRIEST, and OTTO ERNST, of the city and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Steel Collars; and we 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 a perspective view of our improved collar. Fig. 2 is a plan showing the front and back portions of the collar, and Figs. 3 to 5 represent modifications in the shape of the openings receiving the button at the back of the neck.

Similar marks of reference denote the same parts.

Various shapes and characters of steel collars have heretofore been made, the same being enameled to represent linen. Difficulty has existed in attaching them to the shirt-collar, particularly at the back.

The nature of our said invention consists in forming the steel collar in two pieces, hinged or jointed together at the back, whereby greater freedom is given for the movement of the head and neck, without pressing upon the edge of the collar sufficient to spring or bend it, as was heretofore necessary in the collars made of one piece or strip of metal. We also form notches or openings in the respective parts of the collar at the back, so as to allow the button on the shirt-collar at the back to pass freely through said opening when the parts of the collar are turned at an angle to each other, but close around said button when the collar is brought to its place around the neck. We also attach the steel collar at the front ends by a hook on the inside taking into the button hole of the shirt-collar.

In the drawings, *a* and *b* are the pieces of sheet steel, cut out of any desired shape to form the collar. *c* is the rivet by which they are united at the back, and on which point they turn, so that the respective sides of the

collar may be on line with each other, as they usually will do, or they may be at an angle to each other, according as the motion of the head or neck may raise or depress either one side or the other. We make use of a slotted hole, *d*, taking over a headed pin, *e*, at the front ends of the collar for connecting them together or allowing of their easy disconnection; and *f* is a hook on the inside of the collar, at the front, to be hooked into the button-hole at the front of the shirt-collar to hold the steel collar to its place. At the back of the shirt-collar a button is usually sewed. We make the steel collar near the joint *c* of such a shape, either by notches or openings, that when one side of the collar is at angle to the other side there will be ample room for the button to be passed through; but when the parts are brought to their normal position the sides of these notches or openings close around or grasp the shank or threads holding the button, and thereby the collar is kept in place at the back. We have represented several different shapes for these holes or notches to grasp the button. The double-pear shape shown in Fig. 1 we prefer; but a hole and notch, as in Figs. 3 and 4, or two notches, as in Fig. 5, might be employed.

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

1. Uniting the two pieces of sheet metal forming the collar by a rivet or joint, for the purposes and as specified.

2. Connecting the collar to the button by the notches or openings in the respective parts of the collar that grasp the shank or attachment of the button, as specified.

3. In combination with a metallic collar, a hook on the inside of the collar, at the front, to take the button-hole of the shirt-collar, as specified.

In witness whereof we have hereunto set our signatures this 25th day of April, 1864.

RICHARD WOODWARD.

JOSEPH PRIEST.

OTTO ERNST.

Witnesses:

THOS. GEO. HAROLD,
CHAS. H. SMITH.