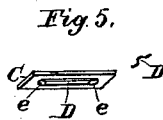
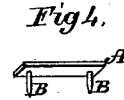
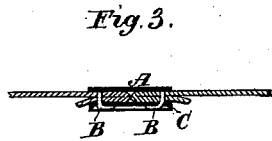
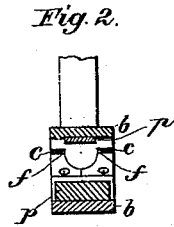
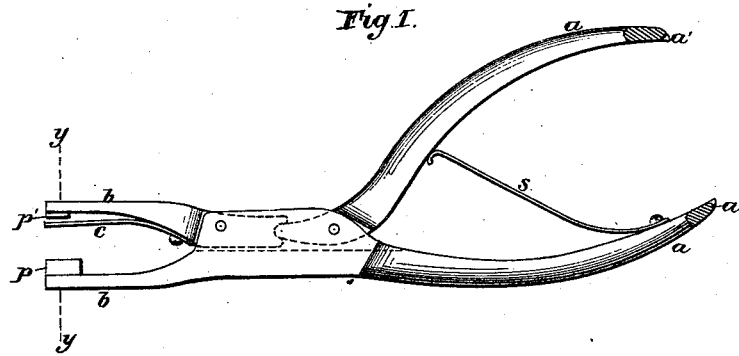


C. RUTZ & J. WEISER.  
 Pinchers for Attaching Seam-Protectors,  
 Paper-Fasteners, &c.

No. 212,988.

Patented Mar. 4, 1879.



*Attest,*  
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 Atty.

# UNITED STATES PATENT OFFICE

CARL RUTZ AND JAKOB WEISER, OF BROOKLYN, E. D., NEW YORK.

IMPROVEMENT IN PINCHERS FOR ATTACHING SEAM-PROTECTORS, PAPER-FASTENERS, &c.

Specification forming part of Letters Patent No. **212,988**, dated March 4, 1879; application filed December 4, 1878.

*To all whom it may concern:*

Be it known that we, CARL RUTZ and JAKOB WEISER, both of the city of Brooklyn, E. D., county of Kings, and State of New York, have invented a new and useful Improvement in Pinchers for Attaching Seam-Protectors, Paper-Fasteners, &c.; and that the following is a full and exact description of our invention.

The object of this invention is to provide a cheap, simple, and efficient instrument for affixing a certain class of seam-protectors, paper-fasteners, and the like, which will be herein described in connection with our improvement.

In the accompanying drawings, Figure 1 is a side elevation of our improved pinchers. Fig. 2 is a section on line *yy* of Fig. 1. Fig. 3 shows a seam-protector or fastener as applied to a piece of cloth, and Figs. 4 and 5 illustrate the construction of the device adapted to be applied by our improved pinchers.

The pinchers, as illustrated by Figs. 1 and 2, are provided with jaws *b b*, adapted to open and close in the usual manner, and each jaw on the outer end of its inner surface is provided with a platform, *p p'*.

Near the inner end of the upper jaw are secured two plate or strip springs, *c*, which extend forward and terminate under the platform *p'* of the upper jaw of the pinchers, and are separated by a little space from said platform. The outer ends of these springs are separated by a distance nearly equal to the distance between the prongs of the fastener or seam-protector which the pinchers are intended to apply, as will hereinafter be referred to. The inner edge of each of these springs directly under the platform *p'* has formed in it a notch, *f*, the lower edges of which are beveled, and the two notches are directly opposite each other.

The tips of the handles *a* of the pinchers

have formed in them notches *a'*, and these handles are kept normally separated by a spring, *s*.

In affixing one of the fasteners or protectors of the kind adapted to be applied by our pinchers, the prongs *B* of the plate *A* are to be inserted through the fabric, and the plate *C* then placed over said prongs, which project through the holes *e* therein. The handles *a* are then closed upon the two prongs, catching the points of said prongs in the notches *a'*, and giving them an inward inclination. The jaws of the pinchers are then placed in such position that the top of the platform *p* comes against the back of the plate *A* of the fastener or protector, and when the jaws are closed the notches *f* in the springs embrace the opposite prongs of said plate and properly guide them toward each other, the platform *p'* pressing upon the bent ends of said prongs and mashing them down into the groove *D*, which connects the holes *e* in the plate *C*. When the pinchers are opened the springs *c* throw the fastener and material clear of the platform *p'*, and the pinchers are removed ready for use upon another fastener.

Having now described our invention, we claim—

1. The combination, with the jaws *b*, having the platforms *p* and *p'*, of the springs *c*, having the notches *f*, substantially as and for the purpose set forth.

2. The pinchers herein described, having the jaws *b*, platforms *p* and *p'*, springs *c*, provided with the notches *f*, and the handles *a*, having the notches *a'*, substantially as described, and for the purpose set forth.

CARL RUTZ.  
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Witnesses:  
ERNST BILHUBER,  
E. VOLKMANN.